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OM nucleic - nucleic search, using sw model

Run on: March 1, 2004, 15:33:38 ; Search time 13 Seconds
(without alignments)

3.554 Million cell updates/sec

Title: us-09-695-451-1

Perfect score: 2161

Sequence: 1 cggccagtgatctgaacc.....tacactaaattctgaagt 2161

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 0.5

Searched: 646 seqs, 10691 residues

Total number of hits satisfying chosen parameters: 1292

Minimum DB seq length: 8

Maximum DB seq length: 80

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 723 summaries

Database : rnpb.seq *

pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match %	Length	ID	Description
1	30	1.4	30	1	US-09-899-422-9
2	30	1.4	30	1	US-09-898-234-9
3	30	1.4	30	1	US-09-792-356-9
4	21	1.0	21	1	US-09-756-186-19
5	20	0.9	28	1	US-10-349-977-2
6	18.2	0.8	23	1	US-10-464-609-12
7	18.2	0.8	23	1	US-10-113-877-128
8	18	0.8	18	1	US-09-756-301A-15
9	18	0.8	18	1	US-09-927-703-15
10	18	0.8	18	1	US-09-766-535A-15
11	18	0.8	18	1	US-09-756-161A-15
12	18	0.8	18	1	US-09-897-724-15
13	18	0.8	18	1	US-10-198-845-15
14	18	0.8	18	1	US-10-010-229-15
15	18	0.8	18	1	US-10-043-450-15
16	18	0.8	18	1	US-10-044-534-15
17	18	0.8	18	1	US-10-043-432-15
18	18	0.8	18	1	US-10-208-145-15
19	18	0.8	18	1	US-10-198-845-15
20	18	0.8	18	1	US-10-227-488-15
21	18	0.8	18	1	US-10-187-121-15
22	18	0.8	18	1	US-10-176-460-15
23	18	0.8	18	1	US-10-186-559-15
24	18	0.8	18	1	US-10-371-961-15
25	18	0.8	18	1	US-10-200-795-15
26	18	0.8	18	1	US-10-319-011-15
27	18	0.8	18	1	US-10-371-443-15
28	18	0.8	18	1	US-10-379-866-15
29	17.6	0.8	24	1	US-09-757-041-11
30	17.4	0.8	22	1	US-10-276-358-36
31	17.2	0.8	24	1	US-10-321-039-633
32	17.2	0.8	24	1	US-10-038-335-4
33	17.2	0.8	24	1	US-10-232-927A-29
					Sequence 32, Appl

17.2	0.8	24	1	US-10-232-927A-34	Sequence 34, Appl
17.2	0.8	24	1	US-10-118-854-29	Sequence 29, Appl
16.8	0.8	21	1	US-09-949-427-355	Sequence 355, Appl
15.6	0.7	22	1	US-09-922-449B-6	Sequence 6, Appl
15.4	0.7	17	1	US-09-877-478-213	Sequence 213, Appl
15.4	0.7	18	1	US-09-736-084-45	Sequence 45, Appl
15.4	0.7	19	1	US-10-244-647-572	Sequence 572, Appl
15.4	0.7	19	1	US-10-244-647-642	Sequence 642, Appl
15.4	0.7	19	1	US-10-244-647-645	Sequence 645, Appl
15.4	0.7	19	1	US-10-244-647-1218	Sequence 1218, Appl
15.4	0.7	19	1	US-10-244-647-1288	Sequence 1288, Appl
15.4	0.7	19	1	US-10-244-647-1291	Sequence 1291, Appl
15.2	0.7	21	1	US-10-349-143-8726	Sequence 8726, Appl
15	0.7	18	1	US-10-453-792-274	Sequence 274, Appl
15	0.7	20	1	US-10-453-792-135	Sequence 135, Appl
14.8	0.7	18	1	US-09-057-351-36	Sequence 351, Appl
14.8	0.7	18	1	US-10-359-935-36	Sequence 36, Appl
14.8	0.7	20	1	US-09-735-995-62	Sequence 62, Appl
14.8	0.7	20	1	US-09-828-344-143	Sequence 143, Appl
14.8	0.7	20	1	US-09-998-027-120	Sequence 120, Appl
14.8	0.7	20	1	US-09-976-782-72	Sequence 72, Appl
14.8	0.7	20	1	US-10-165-099-120	Sequence 120, Appl
14.8	0.7	21	1	US-09-957-837A-24	Sequence 24, Appl
14.8	0.7	21	1	US-10-291-046-6	Sequence 6, Appl
14.6	0.7	15	1	US-09-945-505-9	Sequence 9, Appl
14.6	0.7	15	1	US-09-945-505-21	Sequence 21, Appl
14.6	0.7	15	1	US-09-945-505-22	Sequence 22, Appl
14.6	0.7	15	1	US-09-780-533A-810	Sequence 810, Appl
14.4	0.7	17	1	US-09-877-478-212	Sequence 212, Appl
14.4	0.7	17	1	US-09-877-478-214	Sequence 214, Appl
14.4	0.7	17	1	US-10-060-830-204	Sequence 204, Appl
14.4	0.7	17	1	US-10-060-830-205	Sequence 205, Appl
14.4	0.7	17	1	US-10-303-109A-30	Sequence 30, Appl
14.4	0.7	17	1	US-10-302-817A-51	Sequence 51, Appl
14.4	0.7	18	1	US-09-057-351-35	Sequence 35, Appl
14.4	0.7	18	1	US-09-947-659-9	Sequence 9, Appl
14.4	0.7	18	1	US-10-359-935-35	Sequence 35, Appl
14.4	0.7	19	1	US-10-244-647-606	Sequence 606, Appl
14.4	0.7	19	1	US-10-244-647-644	Sequence 644, Appl
14.4	0.7	19	1	US-10-244-647-1252	Sequence 1252, Appl
14.4	0.7	19	1	US-10-244-647-1290	Sequence 1290, Appl
14.4	0.7	20	1	US-10-244-647-1290	Sequence 137, Appl
14.4	0.7	20	1	US-10-447-136-134	Sequence 134, Appl
14.2	0.7	20	1	US-09-742-373-4	Sequence 4, Appl
14.2	0.7	20	1	US-09-752-639-31	Sequence 31, Appl
14.2	0.7	20	1	US-09-984-198-31	Sequence 31, Appl
14.2	0.7	20	1	US-09-912-724-42	Sequence 42, Appl
14.2	0.7	20	1	US-09-825-489-4	Sequence 4, Appl
14.2	0.7	20	1	US-10-380-126-75	Sequence 75, Appl
14.2	0.7	20	1	US-10-371-474-69	Sequence 69, Appl
14.2	0.7	20	1	US-10-029-517-27	Sequence 27, Appl
14.2	0.7	20	1	US-10-289-845-14	Sequence 14, Appl
14.2	0.7	20	1	US-10-394-058-4	Sequence 4, Appl
14.2	0.7	20	1	US-10-349-143-7116	Sequence 7116, Appl
14.2	0.7	20	1	US-10-289-762-2388	Sequence 2388, Appl
14.2	0.7	20	1	US-10-289-762-4651	Sequence 4651, Appl
14.2	0.7	20	1	US-10-289-762-5845	Sequence 5845, Appl
14.2	0.7	20	1	US-10-453-792-276	Sequence 276, Appl
14	0.6	18	1	US-09-874-162A-12	Sequence 12, Appl
13.8	0.6	17	1	US-09-866-108-971	Sequence 971, Appl
13.8	0.6	17	1	US-09-866-108-972	Sequence 972, Appl
13.8	0.6	17	1	US-09-864-785-583	Sequence 583, Appl
13.8	0.6	17	1	US-09-848-754A-61	Sequence 61, Appl
13.8	0.6	17	1	US-09-848-754A-2182	Sequence 2182, Appl
13.8	0.6	17	1	US-09-780-164-840	Sequence 840, Appl
13.8	0.6	17	1	US-09-827-395A-328	Sequence 328, Appl
13.8	0.6	17	1	US-09-740-332-1266	Sequence 1266, Appl
13.8	0.6	17	1	US-09-817-879-1266	Sequence 879, Appl
13.8	0.6	17	1	US-10-163-552-364	Sequence 364, Appl
13.8	0.6	17	1	US-10-156-306-5078	Sequence 5078, Appl
13.8	0.6	17	1	US-10-238-700-3352	Sequence 3352, Appl
13.8	0.6	18	1	US-09-969-373-4117	Sequence 4117, Appl

107 US-10-321-039-630 Sequence 630, App c 180
108 US-10-251-117-87 Sequence 97, Appl c 181
109 US-10-251-117-90 Sequence 87, Appl c 182
110 US-10-251-117-336 Sequence 336, App c 183
111 US-10-251-117-339 Sequence 339, App c 184
112 US-10-251-117-578 Sequence 578, App c 185
113 US-10-251-117-885 Sequence 885, App c 186
114 US-10-251-117-973 Sequence 973, App c 187
115 US-09-866-108-974 Sequence 974, App c 188
116 US-09-866-108-974 Sequence 559, App c 189
117 US-09-818-875-559 Sequence 559, App c 190
118 US-09-818-875-560 Sequence 560, App c 191
119 US-09-780-533A-1806 Sequence 1806, App c 192
120 US-09-780-533A-2377 Sequence 2377, App c 193
121 US-09-877-478-909 Sequence 909, App c 194
122 US-09-877-478-1602 Sequence 1602, App c 195
123 US-10-060-830-203 Sequence 203, App c 196
124 US-10-339-782-328 Sequence 328, App c 197
125 US-10-339-782-328 Sequence 328, App c 198
126 US-10-209-787-559 Sequence 559, App c 199
127 US-10-261-185-559 Sequence 559, App c 200
128 US-10-261-185-560 Sequence 560, App c 201
129 US-09-877-478-1667 Sequence 1667, App c 202
130 US-10-453-792-270 Sequence 270, App c 203
131 US-10-453-792-270 Sequence 270, App c 204
132 US-10-453-792-273 Sequence 273, App c 205
133 US-10-108-732-47 Sequence 47, Appl c 206
134 US-10-108-732-47 Sequence 47, Appl c 207
135 US-10-349-143-5085 Sequence 5085, App c 208
136 US-10-148-687-55 Sequence 55, Appl c 209
137 US-10-244-647-558 Sequence 558, App c 210
138 US-10-244-647-1244 Sequence 1244, App c 211
139 US-10-244-647-1283 Sequence 1283, App c 212
140 US-10-349-143-7262 Sequence 7262, App c 213
141 US-09-67-638B-26 Sequence 26, Appl c 214
142 US-10-138-315-74 Sequence 74, Appl c 215
143 US-10-116-325-26 Sequence 26, Appl c 216
144 US-10-368-643-74 Sequence 74, Appl c 217
145 US-10-314-657-165 Sequence 165, App c 218
146 US-10-423-007-31 Sequence 31, Appl c 219
147 US-10-388-263-26 Sequence 26, Appl c 220
148 US-10-388-263-221 Sequence 221, App c 221
149 US-10-388-263-221 Sequence 221, App c 222
150 US-10-349-143-4110 Sequence 4110, App c 223
151 US-10-349-143-4877 Sequence 4877, App c 224
152 US-09-949-427-355 Sequence 355, App c 225
153 US-10-440-850-310 Sequence 310, App c 226
154 US-10-440-850-310 Sequence 310, App c 227
155 US-09-780-533A-2378 Sequence 2378, App c 228
156 US-10-060-830-207 Sequence 207, App c 229
157 US-10-060-830-208 Sequence 208, App c 230
158 US-10-339-782-110 Sequence 110, App c 231
159 US-10-210-130-362 Sequence 362, App c 232
160 US-10-065-133A-73 Sequence 73, Appl c 233
161 US-09-866-108-970 Sequence 970, App c 234
162 US-09-866-108-2782 Sequence 2782, App c 235
163 US-09-866-108-2783 Sequence 2783, App c 236
164 US-09-730-857-79 Sequence 79, Appl c 237
165 US-09-864-785-75 Sequence 75, Appl c 238
166 US-09-864-785-390 Sequence 390, App c 239
167 US-09-864-785-391 Sequence 391, App c 240
168 US-09-864-785-582 Sequence 582, App c 241
169 US-09-864-785-584 Sequence 584, App c 242
170 US-09-864-785-2109 Sequence 2109, App c 243
171 US-09-825-805-677 Sequence 677, App c 244
172 US-09-825-805-680 Sequence 680, App c 245
173 US-09-921-72 Sequence 72, Appl c 246
174 US-09-730-289B-971 Sequence 971, App c 247
175 US-09-818-875-2566 Sequence 2566, App c 248
176 US-09-818-875-2567 Sequence 2567, App c 249
177 US-09-818-875-2570 Sequence 2570, App c 250
178 US-09-818-875-2571 Sequence 2571, App c 251
179 US-09-818-875-2571 Sequence 2571, App c 252

17 US-09-818-875-2574 Sequence 2574, App c 180
17 US-09-818-875-2575 Sequence 2575, App c 181
17 US-09-780-533A-2379 Sequence 2379, App c 182
17 US-09-780-533A-2379 Sequence 2379, App c 183
17 US-09-848-754A-262 Sequence 262, App c 184
17 US-09-848-754A-262 Sequence 262, App c 185
17 US-09-848-754A-927 Sequence 927, App c 186
17 US-09-848-754A-1359 Sequence 1359, App c 187
17 US-09-848-754A-3091 Sequence 3091, App c 188
17 US-09-509-098-94 Sequence 94, Appl c 189
17 US-09-827-395A-329 Sequence 329, App c 190
17 US-09-827-395A-355 Sequence 355, App c 191
17 US-09-740-332-2772 Sequence 2772, App c 192
17 US-09-740-332-2772 Sequence 2772, App c 193
17 US-09-817-879-2772 Sequence 2772, App c 194
17 US-09-817-879-2772 Sequence 2772, App c 195
17 US-09-817-879-2772 Sequence 2772, App c 196
17 US-10-060-756A-910 Sequence 910, App c 197
17 US-10-060-756A-911 Sequence 911, App c 198
17 US-10-060-756A-1254 Sequence 1254, App c 199
17 US-10-060-756A-1255 Sequence 1255, App c 200
17 US-10-060-756A-1255 Sequence 1255, App c 201
17 US-10-060-756A-4341 Sequence 4341, App c 202
17 US-10-060-756A-4342 Sequence 4342, App c 203
17 US-10-096-125-1 Sequence 1, Appl c 204
17 US-10-096-125-1 Sequence 1, Appl c 205
17 US-10-060-998-52 Sequence 52, Appl c 206
17 US-10-060-998-53 Sequence 53, Appl c 207
17 US-10-163-552-365 Sequence 365, App c 208
17 US-10-163-552-379 Sequence 379, App c 209
17 US-10-163-552-379 Sequence 379, App c 210
17 US-10-156-306-5077 Sequence 5077, App c 211
17 US-10-156-306-5077 Sequence 5077, App c 212
17 US-10-218-253-72 Sequence 72, Appl c 213
17 US-10-238-700-802 Sequence 802, App c 214
17 US-10-238-700-3324 Sequence 3324, App c 215
17 US-10-209-787-2566 Sequence 2566, App c 216
17 US-10-209-787-2567 Sequence 2567, App c 217
17 US-10-209-787-2570 Sequence 2570, App c 218
17 US-10-209-787-2571 Sequence 2571, App c 219
17 US-10-209-787-2574 Sequence 2574, App c 220
17 US-10-209-787-2574 Sequence 2574, App c 221
17 US-10-209-787-2575 Sequence 2575, App c 222
17 US-10-209-787-2575 Sequence 2575, App c 223
17 US-10-291-068-1056 Sequence 1056, App c 224
17 US-10-261-185-4566 Sequence 4566, App c 225
17 US-10-261-185-4567 Sequence 4567, App c 226
17 US-10-261-185-4570 Sequence 4570, App c 227
17 US-10-261-185-4571 Sequence 4571, App c 228
17 US-10-261-185-4574 Sequence 4574, App c 229
17 US-10-261-185-4575 Sequence 4575, App c 230
17 US-09-067-638B-35 Sequence 35, Appl c 231
17 US-10-108-714-8 Sequence 8, Appl c 232
17 US-10-197-290-36 Sequence 36, Appl c 233
17 US-10-116-325-35 Sequence 35, Appl c 234
17 US-10-388-263-35 Sequence 35, Appl c 235
17 US-10-388-263-189 Sequence 189, App c 236
17 US-10-108-260A-5258 Sequence 5258, App c 237
17 US-10-349-143-4256 Sequence 4256, App c 238
17 US-10-349-143-9785 Sequence 9785, App c 239
17 US-09-828-034-27 Sequence 27, Appl c 240
17 US-10-356-625-20 Sequence 20, Appl c 241
17 US-10-091-281-55 Sequence 55, Appl c 242
17 US-09-504-231A-41 Sequence 41, Appl c 243
17 US-09-504-231A-1538 Sequence 1538, App c 244
17 US-09-504-231A-1539 Sequence 1539, App c 245
17 US-09-274-553D-41 Sequence 41, Appl c 246
17 US-09-274-553D-1538 Sequence 1538, App c 247
17 US-09-274-553D-1539 Sequence 1539, App c 248
17 US-09-848-754A-9175 Sequence 9175, App c 249
17 US-09-848-754A-9213 Sequence 9213, App c 250
17 US-09-996-292A-40 Sequence 40, Appl c 251
17 US-10-152-123-21 Sequence 21, Appl c 252
17 US-10-152-123-21 Sequence 21, Appl c 253
17 US-10-152-123-21 Sequence 21, Appl c 254
17 US-10-287-919-255 Sequence 255, App c 255
17 US-10-287-919-255 Sequence 255, App c 256
17 US-10-171-270-1 Sequence 1, Appl c 257
17 US-10-013-295-40 Sequence 40, Appl c 258

253	12.4	0.6	17	1	US-09-780-533A-2379	Sequence 2379, Ap	c 326	12.2	0.6	17	1	US-09-866-108-2680	Sequence 2680, Ap
254	12.4	0.6	17	1	US-09-866-108-975	Sequence 975, App	c 327	12.2	0.6	17	1	US-09-866-108-6062	Sequence 6062, Ap
255	12.4	0.6	17	1	US-09-866-108-8355	Sequence 8355, Ap	c 328	12.2	0.6	17	1	US-09-866-108-8395	Sequence 8395, Ap
256	12.4	0.6	17	1	US-09-866-108-8356	Sequence 8356, Ap	c 329	12.2	0.6	17	1	US-09-866-108-8398	Sequence 8398, Ap
257	12.4	0.6	17	1	US-09-866-108-8357	Sequence 8357, Ap	c 330	12.2	0.6	17	1	US-09-866-108-10588	Sequence 10588, A
258	12.4	0.6	17	1	US-09-866-108-8358	Sequence 8358, Ap	c 331	12.2	0.6	17	1	US-09-827-998-467	Sequence 467, App
259	12.4	0.6	17	1	US-09-928-412-4	Sequence 4, Appli	c 332	12.2	0.6	17	1	US-09-864-785-336	Sequence 336, App
260	12.4	0.6	17	1	US-09-135-238B-27	Sequence 27, Appl	c 333	12.2	0.6	17	1	US-09-864-785-389	Sequence 389, App
261	12.4	0.6	17	1	US-09-864-785-66	Sequence 76, Appl	c 334	12.2	0.6	17	1	US-09-825-805-520	Sequence 520, App
262	12.4	0.6	17	1	US-09-864-785-660	Sequence 660, App	c 335	12.2	0.6	17	1	US-09-825-805-873	Sequence 873, App
263	12.4	0.6	17	1	US-09-864-785-1689	Sequence 1689, Ap	c 336	12.2	0.6	17	1	US-09-870-002-27	Sequence 27, Appl
264	12.4	0.6	17	1	US-09-864-785-2108	Sequence 2108, Ap	c 337	12.2	0.6	17	1	US-09-756-830A-2	Sequence 2, Appli
265	12.4	0.6	17	1	US-09-864-785-2140	Sequence 2140, Ap	c 338	12.2	0.6	17	1	US-09-730-289B-1071	Sequence 1071, Ap
266	12.4	0.6	17	1	US-09-864-785-2888	Sequence 2888, Ap	c 339	12.2	0.6	17	1	US-09-818-875-3630	Sequence 3630, Ap
267	12.4	0.6	17	1	US-09-825-805-400	Sequence 400, App	c 340	12.2	0.6	17	1	US-09-818-875-3631	Sequence 3631, Ap
268	12.4	0.6	17	1	US-09-825-805-838	Sequence 838, App	c 341	12.2	0.6	17	1	US-09-780-533A-1807	Sequence 1807, Ap
269	12.4	0.6	17	1	US-09-961-077-222	Sequence 222, App	c 342	12.2	0.6	17	1	US-09-877-478-397	Sequence 397, App
270	12.4	0.6	17	1	US-09-784-674-40	Sequence 40, Appl	c 343	12.2	0.6	17	1	US-09-877-478-1387	Sequence 1387, Ap
271	12.4	0.6	17	1	US-09-784-674-41	Sequence 41, Appl	c 344	12.2	0.6	17	1	US-09-877-478-2180	Sequence 2180, Ap
272	12.4	0.6	17	1	US-09-784-674-42	Sequence 42, Appl	c 345	12.2	0.6	17	1	US-09-877-478-2272	Sequence 2272, Ap
273	12.4	0.6	17	1	US-09-784-674-43	Sequence 43, Appl	c 346	12.2	0.6	17	1	US-09-848-754A-420	Sequence 420, App
274	12.4	0.6	17	1	US-09-780-533A-748	Sequence 748, App	c 347	12.2	0.6	17	1	US-09-848-754A-1405	Sequence 1405, Ap
275	12.4	0.6	17	1	US-09-780-533A-749	Sequence 749, App	c 348	12.2	0.6	17	1	US-09-848-754A-3092	Sequence 3092, Ap
276	12.4	0.6	17	1	US-09-780-533A-750	Sequence 750, App	c 349	12.2	0.6	17	1	US-09-930-423-803	Sequence 803, App
277	12.4	0.6	17	1	US-09-780-533A-1399	Sequence 1399, Ap	c 350	12.2	0.6	17	1	US-09-930-423-1272	Sequence 1272, Ap
278	12.4	0.6	17	1	US-09-780-533A-2089	Sequence 2089, Ap	c 351	12.2	0.6	17	1	US-09-780-164-391	Sequence 391, App
279	12.4	0.6	17	1	US-09-780-533A-2630	Sequence 2630, Ap	c 352	12.2	0.6	17	1	US-09-827-395A-233	Sequence 233, App
280	12.4	0.6	17	1	US-09-780-533A-2631	Sequence 2631, Ap	c 353	12.2	0.6	17	1	US-09-827-395A-356	Sequence 356, App
281	12.4	0.6	17	1	US-09-877-478-211	Sequence 211, App	c 354	12.2	0.6	17	1	US-09-827-395A-524	Sequence 524, App
282	12.4	0.6	17	1	US-09-877-478-677	Sequence 677, App	c 355	12.2	0.6	17	1	US-09-827-395A-527	Sequence 527, App
283	12.4	0.6	17	1	US-09-877-478-678	Sequence 678, App	c 356	12.2	0.6	17	1	US-09-827-395A-629	Sequence 629, App
284	12.4	0.6	17	1	US-09-877-478-1814	Sequence 1814, Ap	c 357	12.2	0.6	17	1	US-09-827-395A-675	Sequence 675, App
285	12.4	0.6	17	1	US-09-877-478-2221	Sequence 2221, Ap	c 358	12.2	0.6	17	1	US-09-888-056A-23	Sequence 23, Appl
286	12.4	0.6	17	1	US-09-848-754A-2007	Sequence 60, Appl	c 359	12.2	0.6	17	1	US-09-740-332-1784	Sequence 1784, Ap
287	12.4	0.6	17	1	US-09-848-754A-926	Sequence 926, App	c 360	12.2	0.6	17	1	US-09-740-332-2472	Sequence 2472, Ap
288	12.4	0.6	17	1	US-09-848-754A-2006	Sequence 2006, Ap	c 361	12.2	0.6	17	1	US-09-740-332-3288	Sequence 3288, Ap
289	12.4	0.6	17	1	US-09-848-754A-2007	Sequence 2007, Ap	c 362	12.2	0.6	17	1	US-09-740-332-3559	Sequence 3559, Ap
290	12.4	0.6	17	1	US-09-848-754A-2008	Sequence 2008, Ap	c 363	12.2	0.6	17	1	US-09-745-237A-803	Sequence 803, App
291	12.4	0.6	17	1	US-09-848-754A-2009	Sequence 2009, Ap	c 364	12.2	0.6	17	1	US-09-745-237A-1272	Sequence 1272, Ap
292	12.4	0.6	17	1	US-09-848-754A-3412	Sequence 3412, Ap	c 365	12.2	0.6	17	1	US-09-817-879-1784	Sequence 1784, Ap
293	12.4	0.6	17	1	US-09-864-636A-814	Sequence 814, App	c 366	12.2	0.6	17	1	US-09-817-879-2472	Sequence 2472, Ap
294	12.4	0.6	17	1	US-09-864-636A-820	Sequence 820, App	c 367	12.2	0.6	17	1	US-09-817-879-3288	Sequence 3288, Ap
295	12.4	0.6	17	1	US-09-740-332-4490	Sequence 4490, Ap	c 368	12.2	0.6	17	1	US-09-817-879-3559	Sequence 3559, Ap
296	12.4	0.6	17	1	US-09-817-879-4490	Sequence 4490, Ap	c 369	12.2	0.6	17	1	US-10-060-830-209	Sequence 209, App
297	12.4	0.6	17	1	US-09-864-426A-814	Sequence 814, App	c 370	12.2	0.6	17	1	US-10-060-756A-1822	Sequence 1822, Ap
298	12.4	0.6	17	1	US-09-864-426A-820	Sequence 820, App	c 371	12.2	0.6	17	1	US-10-060-998-50	Sequence 50, Appl
299	12.4	0.6	17	1	US-10-060-830-202	Sequence 202, App	c 372	12.2	0.6	17	1	US-10-060-998-51	Sequence 51, Appl
300	12.4	0.6	17	1	US-10-060-756A-1256	Sequence 1256, Ap	c 373	12.2	0.6	17	1	US-10-060-998-487	Sequence 487, App
301	12.4	0.6	17	1	US-10-060-756A-1257	Sequence 1257, Ap	c 374	12.2	0.6	17	1	US-10-060-998-490	Sequence 490, App
302	12.4	0.6	17	1	US-10-060-756A-4343	Sequence 4343, Ap	c 375	12.2	0.6	17	1	US-10-163-552-454	Sequence 454, App
303	12.4	0.6	17	1	US-10-060-756A-4344	Sequence 4344, Ap	c 376	12.2	0.6	17	1	US-10-163-552-931	Sequence 931, App
304	12.4	0.6	17	1	US-10-060-998-311	Sequence 311, App	c 377	12.2	0.6	17	1	US-10-163-552-932	Sequence 932, App
305	12.4	0.6	17	1	US-10-060-998-312	Sequence 312, App	c 378	12.2	0.6	17	1	US-10-156-306-1602	Sequence 1602, Ap
306	12.4	0.6	17	1	US-10-060-998-313	Sequence 313, App	c 379	12.2	0.6	17	1	US-10-156-306-2331	Sequence 2331, Ap
307	12.4	0.6	17	1	US-10-060-998-314	Sequence 314, App	c 380	12.2	0.6	17	1	US-10-156-306-3554	Sequence 3554, Ap
308	12.4	0.6	17	1	US-10-163-552-387	Sequence 387, App	c 381	12.2	0.6	17	1	US-10-156-306-5114	Sequence 5114, Ap
309	12.4	0.6	17	1	US-10-163-552-839	Sequence 839, App	c 382	12.2	0.6	17	1	US-10-238-700-426	Sequence 426, App
310	12.4	0.6	17	1	US-10-156-306-5076	Sequence 5076, Ap	c 383	12.2	0.6	17	1	US-10-238-700-3585	Sequence 3585, Ap
311	12.4	0.6	17	1	US-10-156-306-5186	Sequence 5186, Ap	c 384	12.2	0.6	17	1	US-10-061-201-823	Sequence 823, App
312	12.4	0.6	17	1	US-10-156-306-5187	Sequence 5187, Ap	c 385	12.2	0.6	17	1	US-10-061-201-1169	Sequence 1169, App
313	12.4	0.6	17	1	US-10-156-306-7112	Sequence 7112, Ap	c 386	12.2	0.6	17	1	US-10-061-201-1291	Sequence 1291, Ap
314	12.4	0.6	17	1	US-10-238-700-2963	Sequence 2963, Ap	c 387	12.2	0.6	17	1	US-10-061-201-1423	Sequence 1423, Ap
315	12.4	0.6	17	1	US-10-238-700-3297	Sequence 3297, Ap	c 388	12.2	0.6	17	1	US-10-061-201-1425	Sequence 1425, Ap
316	12.4	0.6	17	1	US-10-238-700-3351	Sequence 3351, Ap	c 389	12.2	0.6	17	1	US-10-061-201-1426	Sequence 1426, Ap
317	12.4	0.6	17	1	US-10-238-700-8314	Sequence 814, App	c 390	12.2	0.6	17	1	US-10-061-201-1427	Sequence 1427, Ap
318	12.4	0.6	17	1	US-10-084-839-820	Sequence 820, App	c 391	12.2	0.6	17	1	US-10-061-201-1429	Sequence 1429, Ap
319	12.4	0.6	17	1	US-09-780-533A-1807	Sequence 1807, Ap	c 392	12.2	0.6	17	1	US-10-061-201-1430	Sequence 1430, Ap
320	12.2	0.6	17	1	US-10-303-109A-30	Sequence 30, Appl	c 393	12.2	0.6	17	1	US-10-061-201-1431	Sequence 1431, Ap
321	12.2	0.6	17	1	US-10-302-817A-51	Sequence 51, Appl	c 394	12.2	0.6	17	1	US-10-061-201-1957	Sequence 1957, Ap
322	12.2	0.6	17	1	US-09-866-108-308	Sequence 308, App	c 395	12.2	0.6	17	1	US-10-061-201-1958	Sequence 1958, Ap
323	12.2	0.6	17	1	US-09-866-108-1180	Sequence 1180, Ap	c 396	12.2	0.6	17	1	US-10-061-201-1962	Sequence 1962, Ap
324	12.2	0.6	17	1	US-09-866-108-2033	Sequence 2033, Ap	c 397	12.2	0.6	17	1	US-10-061-201-340	Sequence 62, Appl
325	12.2	0.6	17	1	US-09-866-108-2034	Sequence 2034, Ap	c 398	12.2	0.6	17	1	US-10-349-787-330	Sequence 3630, Ap

c 399	12.2	0.6	17	1	US-10-209-787-13611	Sequence 3631, Ap	c 472	11.6	0.5	20	1	US-09-874-162A-12	Sequence 12, Appl
c 400	12.2	0.6	17	1	US-10-307-005-1271	Sequence 1271, Ap	c 473	11.6	0.5	21	1	US-09-756-186-19	Sequence 19, Appl
c 401	12.2	0.6	17	1	US-10-307-005-1272	Sequence 1272, Ap	c 474	11.6	0.5	30	1	US-09-899-422-9	Sequence 9, Appl
c 402	12.2	0.6	17	1	US-10-261-185-3630	Sequence 3630, Ap	c 475	11.6	0.5	30	1	US-09-898-234-9	Sequence 9, Appl
c 403	12.2	0.6	17	1	US-10-261-185-3631	Sequence 3631, Ap	c 476	11.6	0.5	30	1	US-09-792-356-9	Sequence 9, Appl
c 404	12.2	0.6	20	1	US-10-380-126-75	Sequence 75, Appl	c 477	11.4	0.5	14	1	US-09-365-029-78	Sequence 78, Appl
c 405	12	0.6	13	1	US-09-740-332-4706	Sequence 4706, Ap	c 478	11.4	0.5	14	1	US-09-557-423-9	Sequence 9, Appl
c 406	12	0.6	13	1	US-09-817-879-4706	Sequence 4706, Ap	c 479	11.4	0.5	14	1	US-10-146-058-102	Sequence 102, Appl
c 407	12	0.6	15	1	US-09-504-231A-1517	Sequence 1517, Ap	c 480	11.4	0.5	14	1	US-10-038-335-3	Sequence 3, Appl
c 408	12	0.6	15	1	US-09-274-553D-1517	Sequence 1517, Ap	c 481	11.4	0.5	14	1	US-10-091-281-175	Sequence 175, Appl
c 409	12	0.6	15	1	US-09-740-332-4712	Sequence 4712, Ap	c 482	11.4	0.5	15	1	US-09-504-231A-1537	Sequence 1537, Ap
c 410	12	0.6	15	1	US-09-740-332-4753	Sequence 4753, Ap	c 483	11.4	0.5	15	1	US-09-274-553D-1537	Sequence 1537, Ap
c 411	12	0.6	15	1	US-09-817-879-4712	Sequence 4712, Ap	c 484	11.4	0.5	15	1	US-09-800-266A-99	Sequence 99, Appl
c 412	12	0.6	15	1	US-09-817-879-4753	Sequence 4753, Ap	c 485	11.4	0.5	15	1	US-09-935-194-15	Sequence 15, Appl
c 413	12	0.6	15	1	US-10-440-850-311	Sequence 311, Appl	c 486	11.4	0.5	15	1	US-09-826-290-483	Sequence 483, Appl
c 414	12	0.6	17	1	US-09-866-108-303	Sequence 303, Appl	c 487	11.4	0.5	15	1	US-09-895-007A-99	Sequence 99, Appl
c 415	12	0.6	17	1	US-09-866-108-304	Sequence 304, Appl	c 488	11.4	0.5	15	1	US-09-864-785-3747	Sequence 3747, Ap
c 416	12	0.6	17	1	US-09-866-108-305	Sequence 305, Appl	c 489	11.4	0.5	15	1	US-09-920-313-99	Sequence 99, Appl
c 417	12	0.6	17	1	US-09-866-108-306	Sequence 306, Appl	c 490	11.4	0.5	15	1	US-09-848-754A-9159	Sequence 9159, Ap
c 418	12	0.6	17	1	US-09-866-108-307	Sequence 307, Appl	c 491	11.4	0.5	15	1	US-09-979-593-8	Sequence 8, Appl
c 419	12	0.6	17	1	US-09-866-108-308	Sequence 308, Appl	c 492	11.4	0.5	15	1	US-09-776-479-916	Sequence 916, Appl
c 420	12	0.6	17	1	US-09-866-108-309	Sequence 309, Appl	c 493	11.4	0.5	15	1	US-09-912-673A-22	Sequence 22, Appl
c 421	12	0.6	17	1	US-09-823-257A-5	Sequence 5, Appl	c 494	11.4	0.5	15	1	US-10-056-414-224	Sequence 224, Appl
c 422	12	0.6	17	1	US-09-902-214-37	Sequence 37, Appl	c 495	11.4	0.5	15	1	US-10-112-653-885	Sequence 885, Appl
c 423	12	0.6	17	1	US-09-740-332-65	Sequence 65, Appl	c 496	11.4	0.5	15	1	US-10-017-995-916	Sequence 916, Appl
c 424	12	0.6	17	1	US-09-817-879-65	Sequence 65, Appl	c 497	11.4	0.5	15	1	US-10-010-802-27	Sequence 27, Appl
c 425	12	0.6	17	1	US-10-163-552-377	Sequence 377, Appl	c 498	11.4	0.5	15	1	US-10-287-919-207	Sequence 207, Appl
c 426	12	0.6	17	1	US-10-163-552-378	Sequence 378, Appl	c 499	11.4	0.5	15	1	US-10-287-919-2417	Sequence 2417, Ap
c 427	12	0.6	17	1	US-10-238-700-2962	Sequence 2962, Ap	c 500	11.4	0.5	15	1	US-10-319-369-3	Sequence 3, Appl
c 428	12	0.6	17	1	US-10-238-700-3290	Sequence 3290, Ap	c 501	11.4	0.5	15	1	US-10-292-198-64	Sequence 64, Appl
c 429	11.8	0.5	15	1	US-09-504-231A-131	Sequence 131, Appl	c 502	11.4	0.5	15	1	US-10-202-824-29	Sequence 29, Appl
c 430	11.8	0.5	15	1	US-09-504-231A-337	Sequence 337, Appl	c 503	11.4	0.5	15	1	US-10-440-850-19	Sequence 19, Appl
c 431	11.8	0.5	15	1	US-09-504-231A-855	Sequence 855, Appl	c 504	11.4	0.5	15	1	US-10-271-602B-184	Sequence 184, Appl
c 432	11.8	0.5	15	1	US-09-504-231A-940	Sequence 940, Appl	c 505	11.4	0.5	15	1	US-10-271-602B-192	Sequence 192, Appl
c 433	11.8	0.5	15	1	US-09-274-553D-131	Sequence 131, Appl	c 506	11.4	0.5	15	1	US-10-271-602B-200	Sequence 200, Appl
c 434	11.8	0.5	15	1	US-09-274-553D-337	Sequence 337, Appl	c 507	11.4	0.5	15	1	US-10-338-366-25	Sequence 25, Appl
c 435	11.8	0.5	15	1	US-09-274-553D-855	Sequence 855, Appl	c 508	11.4	0.5	15	1	US-10-264-309-484	Sequence 484, Appl
c 436	11.8	0.5	15	1	US-09-274-553D-940	Sequence 940, Appl	c 509	11.4	0.5	16	1	US-10-084-839-3223	Sequence 3223, Ap
c 437	11.8	0.5	15	1	US-09-826-290-471	Sequence 471, Appl	c 510	11.4	0.5	16	1	US-10-091-281-174	Sequence 174, Appl
c 438	11.8	0.5	15	1	US-09-826-290-128	Sequence 128, Appl	c 511	11.4	0.5	16	1	US-10-091-281-378	Sequence 378, Appl
c 439	11.8	0.5	15	1	US-09-826-290-16	Sequence 16, Appl	c 512	11.4	0.5	16	1	US-10-321-039-718	Sequence 718, Appl
c 440	11.8	0.5	15	1	US-09-979-593-69	Sequence 69, Appl	c 513	11.4	0.5	17	1	US-09-780-533A-2378	Sequence 2378, Ap
c 441	11.8	0.5	15	1	US-09-840-008-43	Sequence 43, Appl	c 514	11.4	0.5	17	1	US-09-827-395A-527	Sequence 527, Appl
c 442	11.8	0.5	15	1	US-10-056-414-80	Sequence 80, Appl	c 515	11.4	0.5	28	1	US-10-349-977-2	Sequence 4, Appl
c 443	11.8	0.5	15	1	US-10-056-414-125	Sequence 125, Appl	c 516	11.2	0.5	16	1	US-09-811-045A-4	Sequence 4, Appl
c 444	11.8	0.5	15	1	US-10-056-414-223	Sequence 223, Appl	c 517	11.2	0.5	16	1	US-09-864-636A-1871	Sequence 1871, Ap
c 445	11.8	0.5	15	1	US-10-056-414-349	Sequence 349, Appl	c 518	11.2	0.5	16	1	US-09-864-426A-1871	Sequence 1871, Ap
c 446	11.8	0.5	15	1	US-10-043-875-473	Sequence 473, Appl	c 519	11.2	0.5	16	1	US-10-453-792-9	Sequence 9, Appl
c 447	11.8	0.5	15	1	US-10-043-875-881	Sequence 881, Appl	c 520	11.2	0.5	16	1	US-10-206-839-15	Sequence 15, Appl
c 448	11.8	0.5	15	1	US-10-010-802-14	Sequence 14, Appl	c 521	11.2	0.5	16	1	US-10-108-164-7	Sequence 7, Appl
c 449	11.8	0.5	15	1	US-10-010-802-144	Sequence 144, Appl	c 522	11.2	0.5	16	1	US-10-184-385-15	Sequence 15, Appl
c 450	11.8	0.5	15	1	US-10-229-755A-1	Sequence 1, Appl	c 523	11.2	0.5	16	1	US-10-084-839-1871	Sequence 1871, Ap
c 451	11.8	0.5	15	1	US-10-156-306-7809	Sequence 7809, Ap	c 524	11.2	0.5	16	1	US-10-084-839-3073	Sequence 3073, Ap
c 452	11.8	0.5	15	1	US-10-055-733-10	Sequence 10, Appl	c 525	11.2	0.5	16	1	US-10-092-885-18	Sequence 18, Appl
c 453	11.8	0.5	15	1	US-10-292-198-6	Sequence 6, Appl	c 526	11.2	0.5	16	1	US-10-092-885-32	Sequence 32, Appl
c 454	11.8	0.5	15	1	US-10-196-095-17	Sequence 17, Appl	c 527	11.2	0.5	16	1	US-10-092-885-57	Sequence 57, Appl
c 455	11.8	0.5	15	1	US-10-232-927A-68	Sequence 68, Appl	c 528	11.2	0.5	16	1	US-10-376-341-155	Sequence 155, Appl
c 456	11.8	0.5	15	1	US-10-440-850-857	Sequence 857, Appl	c 529	11.2	0.5	17	1	US-09-780-533A-1806	Sequence 1806, Ap
c 457	11.8	0.5	15	1	US-10-271-602B-208	Sequence 208, Appl	c 530	11.2	0.5	17	1	US-10-238-700-802	Sequence 802, Appl
c 458	11.8	0.5	15	1	US-10-264-309-472	Sequence 472, Appl	c 531	11.2	0.5	17	1	US-09-864-785-2140	Sequence 2140, Ap
c 459	11.8	0.5	15	1	US-09-741-744A-133	Sequence 133, Appl	c 532	11.2	0.5	17	1	US-10-156-306-5186	Sequence 5186, Ap
c 460	11.8	0.5	16	1	US-09-864-636A-2483	Sequence 2483, Ap	c 533	11.2	0.5	17	1	US-10-238-700-3585	Sequence 3585, Ap
c 461	11.8	0.5	16	1	US-09-864-426A-2483	Sequence 2483, Ap	c 534	11.2	0.5	18	1	US-10-197-290-36	Sequence 36, Appl
c 462	11.8	0.5	16	1	US-10-446-201-26	Sequence 26, Appl	c 535	11.2	0.5	18	1	US-10-388-263-189	Sequence 189, Appl
c 463	11.8	0.5	16	1	US-10-108-164-66	Sequence 66, Appl	c 536	11.2	0.5	20	1	US-09-976-782-72	Sequence 72, Appl
c 464	11.8	0.5	16	1	US-10-101-433A-38	Sequence 38, Appl	c 537	11	0.5	12	1	US-09-365-029-72	Sequence 72, Appl
c 465	11.8	0.5	16	1	US-10-084-839-2463	Sequence 2463, Ap	c 538	11	0.5	12	1	US-09-380-932-10	Sequence 10, Appl
c 466	11.8	0.5	16	1	US-10-277-216-367	Sequence 367, Appl	c 539	11	0.5	12	1	US-09-841-157A-19	Sequence 19, Appl
c 467	11.8	0.5	16	1	US-10-126-022-367	Sequence 367, Appl	c 540	11	0.5	12	1	US-10-117-108A-25	Sequence 25, Appl
c 468	11.8	0.5	17	1	US-09-866-108-8355	Sequence 8355, Ap	c 541	11	0.5	13	1	US-09-740-332-4742	Sequence 4742, Ap
c 469	11.6	0.5	19	1	US-10-251-117-90	Sequence 90, Appl	c 542	11	0.5	13	1	US-09-817-879-4742	Sequence 4742, Ap
c 470	11.6	0.5	19	1	US-10-251-117-339	Sequence 339, Appl	c 543	11	0.5	13	1	US-10-229-370-38	Sequence 38, Appl
c 471	11.6	0.5	20	1	US-10-289-845-14	Sequence 14, Appl	c 544	11	0.5	15	1	US-09-504-231A-1054	Sequence 1054, Ap

545	11	0.5	15	1	US-09-274-553D-1054	Sequence 1054, Ap	618	10.8	0.5	15	1	US-10-043-875-463	Sequence 463, App
c 546	11	0.5	15	1	US-09-918-728B-12	Sequence 12, Appl	619	10.8	0.5	15	1	US-10-043-875-880	Sequence 880, App
547	11	0.5	15	1	US-09-882-945A-288	Sequence 288, App	620	10.8	0.5	15	1	US-10-152-123-23	Sequence 23, Appl
c 548	11	0.5	15	1	US-10-044-674-46	Sequence 46, Appl	621	10.8	0.5	15	1	US-10-152-123-24	Sequence 24, Appl
549	11	0.5	15	1	US-10-197-019-34	Sequence 34, Appl	622	10.8	0.5	15	1	US-10-159-495-4	Sequence 4, Appl
c 550	11	0.5	15	1	US-10-193-507-40	Sequence 40, Appl	c 623	10.8	0.5	15	1	US-10-159-495-4	Sequence 4, Appl
551	11	0.5	15	1	US-09-877-478-6031	Sequence 6031, Ap	624	10.8	0.5	15	1	US-10-152-297-87	Sequence 87, Appl
c 552	11	0.5	18	1	US-10-108-732-47	Sequence 47, Appl	625	10.8	0.5	15	1	US-10-010-802-97	Sequence 97, Appl
c 553	11	0.5	19	1	US-10-244-647-572	Sequence 572, App	626	10.8	0.5	15	1	US-10-010-802-115	Sequence 115, App
c 554	11	0.5	19	1	US-10-244-647-1218	Sequence 1218, Ap	627	10.8	0.5	15	1	US-10-159-322-4	Sequence 4, Appl
c 555	11	0.5	19	1	US-10-244-647-644	Sequence 644, App	c 628	10.8	0.5	15	1	US-10-159-322-4	Sequence 4, Appl
556	11	0.5	19	1	US-10-244-647-1290	Sequence 1290, Ap	629	10.8	0.5	15	1	US-10-024-818-6	Sequence 6, Appl
557	11	0.5	19	1	US-10-251-117-578	Sequence 578, App	630	10.8	0.5	15	1	US-10-024-818-12	Sequence 12, Appl
c 558	11	0.5	19	1	US-10-251-117-885	Sequence 885, App	c 631	10.8	0.5	15	1	US-10-024-818-40	Sequence 40, Appl
c 559	11	0.5	19	1	US-10-148-687-55	Sequence 55, Appl	632	10.8	0.5	15	1	US-10-024-818-49	Sequence 49, Appl
c 560	11	0.5	19	1	US-10-244-647-637	Sequence 637, App	633	10.8	0.5	15	1	US-10-084-814-73	Sequence 73, Appl
561	11	0.5	19	1	US-10-244-647-1283	Sequence 1283, Ap	c 634	10.8	0.5	15	1	US-10-171-270-2	Sequence 2, Appl
562	11	0.5	19	1	US-10-349-143-7262	Sequence 7262, Ap	635	10.8	0.5	15	1	US-10-128-560-219	Sequence 219, App
c 563	11	0.5	22	1	US-10-321-039-633	Sequence 633, App	636	10.8	0.5	15	1	US-10-294-203-6	Sequence 6, Appl
c 564	11	0.5	24	1	US-10-276-358-36	Sequence 36, Appl	637	10.8	0.5	15	1	US-10-294-203-12	Sequence 12, Appl
565	10.8	0.5	14	1	US-09-504-231A-1321	Sequence 1321, Ap	c 638	10.8	0.5	15	1	US-10-294-203-40	Sequence 40, Appl
566	10.8	0.5	14	1	US-09-274-553D-1321	Sequence 1321, Ap	639	10.8	0.5	15	1	US-10-294-203-49	Sequence 49, Appl
567	10.8	0.5	14	1	US-09-865-579A-17	Sequence 17, Appl	640	10.8	0.5	15	1	US-10-044-674-44	Sequence 44, Appl
568	10.8	0.5	14	1	US-09-865-579A-19	Sequence 19, Appl	641	10.8	0.5	15	1	US-10-277-494-57	Sequence 57, Appl
c 569	10.8	0.5	14	1	US-09-943-983-89	Sequence 89, Appl	642	10.8	0.5	15	1	US-10-277-494-73	Sequence 73, Appl
570	10.8	0.5	14	1	US-09-943-983-129	Sequence 129, App	643	10.8	0.5	15	1	US-10-440-850-111	Sequence 111, App
c 571	10.8	0.5	14	1	US-10-461-790-133	Sequence 133, App	644	10.8	0.5	15	1	US-10-440-850-290	Sequence 290, App
c 572	10.8	0.5	14	1	US-10-043-875-462	Sequence 462, App	645	10.8	0.5	15	1	US-10-440-850-411	Sequence 411, App
c 573	10.8	0.5	14	1	US-10-043-875-882	Sequence 882, App	c 646	10.8	0.5	15	1	US-10-440-850-411	Sequence 411, App
574	10.8	0.5	14	1	US-10-150-045-17	Sequence 17, Appl	647	10.8	0.5	15	1	US-10-418-182-186	Sequence 186, App
575	10.8	0.5	14	1	US-10-277-494-74	Sequence 74, Appl	648	10.8	0.5	15	1	US-10-376-559-5	Sequence 5, Appl
576	10.8	0.5	14	1	US-10-457-839-70	Sequence 70, Appl	c 649	10.8	0.5	15	1	US-10-376-559-5	Sequence 5, Appl
c 577	10.8	0.5	15	1	US-09-790-417-251	Sequence 251, Ap	650	10.8	0.5	15	1	US-10-176-972A-68	Sequence 68, Appl
578	10.8	0.5	15	1	US-09-504-231A-300	Sequence 300, App	c 651	10.8	0.5	15	1	US-10-439-616-5	Sequence 5, Appl
c 579	10.8	0.5	15	1	US-09-504-231A-385	Sequence 385, App	652	10.8	0.5	15	1	US-10-271-602B-207	Sequence 207, App
c 580	10.8	0.5	15	1	US-09-504-231A-653	Sequence 653, App	c 653	10.8	0.5	16	1	US-10-321-039-718	Sequence 718, App
c 581	10.8	0.5	15	1	US-09-504-231A-776	Sequence 776, App	654	10.8	0.5	17	1	US-10-210-130-362	Sequence 362, App
c 582	10.8	0.5	15	1	US-09-504-231A-856	Sequence 856, App	655	10.8	0.5	17	1	US-10-096-125-1	Sequence 1, Appl
583	10.8	0.5	15	1	US-09-504-231A-949	Sequence 949, App	656	10.8	0.5	17	1	US-09-866-108-8356	Sequence 8356, Ap
c 584	10.8	0.5	15	1	US-09-504-231A-949	Sequence 949, App	657	10.8	0.5	17	1	US-09-780-533A-1399	Sequence 1399, Ap
585	10.8	0.5	15	1	US-09-860-996-8	Sequence 8, Appl	658	10.8	0.5	17	1	US-09-780-533A-2630	Sequence 2630, Ap
c 586	10.8	0.5	15	1	US-09-950-459-5	Sequence 5, Appl	659	10.8	0.5	17	1	US-10-156-306-7112	Sequence 7112, Ap
c 587	10.8	0.5	15	1	US-09-950-459-5	Sequence 5, Appl	660	10.8	0.5	17	1	US-09-866-108-2033	Sequence 2033, Ap
c 588	10.8	0.5	15	1	US-09-441-522-26	Sequence 26, Appl	c 661	10.8	0.5	17	1	US-09-870-002-27	Sequence 27, Appl
c 589	10.8	0.5	15	1	US-09-441-522-26	Sequence 26, Appl	662	10.8	0.5	18	1	US-10-423-007-31	Sequence 31, Appl
c 590	10.8	0.5	15	1	US-09-274-553D-300	Sequence 300, App	c 663	10.6	0.5	15	1	US-09-945-505-4	Sequence 4, Appl
c 591	10.8	0.5	15	1	US-09-274-553D-385	Sequence 385, App	664	10.6	0.5	15	1	US-10-418-182-209	Sequence 209, App
c 592	10.8	0.5	15	1	US-09-274-553D-653	Sequence 653, App	665	10.6	0.5	15	1	US-10-418-182-391	Sequence 391, App
c 593	10.8	0.5	15	1	US-09-274-553D-776	Sequence 776, App	666	10.6	0.5	17	1	US-09-866-108-2783	Sequence 2783, Ap
c 594	10.8	0.5	15	1	US-09-274-553D-856	Sequence 856, App	667	10.6	0.5	17	1	US-09-825-805-680	Sequence 680, App
c 595	10.8	0.5	15	1	US-09-274-553D-949	Sequence 949, App	668	10.6	0.5	17	1	US-10-163-552-379	Sequence 379, App
c 596	10.8	0.5	15	1	US-09-274-553D-949	Sequence 949, App	669	10.6	0.5	17	1	US-10-060-998-312	Sequence 312, App
c 597	10.8	0.5	15	1	US-09-891-517-50	Sequence 50, Appl	670	10.6	0.5	17	1	US-10-060-998-313	Sequence 313, App
c 598	10.8	0.5	15	1	US-09-825-805-137	Sequence 137, App	c 671	10.6	0.5	17	1	US-09-818-875-3630	Sequence 3630, Ap
599	10.8	0.5	15	1	US-09-739-909-1	Sequence 1, Appl	672	10.6	0.5	17	1	US-09-818-875-3631	Sequence 3631, Ap
c 600	10.8	0.5	15	1	US-09-771-933-173	Sequence 173, App	673	10.6	0.5	17	1	US-10-061-201-1958	Sequence 1958, Ap
601	10.8	0.5	15	1	US-09-877-478-6005	Sequence 6005, Ap	c 674	10.6	0.5	17	1	US-10-209-787-3630	Sequence 3630, Ap
602	10.8	0.5	15	1	US-09-848-754A-9233	Sequence 9233, Ap	675	10.6	0.5	17	1	US-10-209-787-3631	Sequence 3631, Ap
603	10.8	0.5	15	1	US-09-848-754A-9628	Sequence 9628, Ap	c 676	10.6	0.5	17	1	US-10-261-185-3630	Sequence 3630, Ap
604	10.8	0.5	15	1	US-09-565-191-5	Sequence 5, Appl	c 677	10.6	0.5	17	1	US-10-261-185-3631	Sequence 3631, Ap
c 605	10.8	0.5	15	1	US-09-565-191-9	Sequence 9, Appl	678	10.6	0.5	17	1	US-09-864-785-661	Sequence 661, App
606	10.8	0.5	15	1	US-09-565-191-9	Sequence 9, Appl	c 679	10.6	0.5	17	1	US-09-902-214-37	Sequence 37, Appl
c 607	10.8	0.5	15	1	US-09-565-191-9	Sequence 9, Appl	680	10.6	0.5	20	1	US-10-453-792-135	Sequence 135, App
c 608	10.8	0.5	15	1	US-09-793-146-57	Sequence 57, Appl	c 681	10.6	0.5	23	1	US-10-464-609-12	Sequence 12, Appl
609	10.8	0.5	15	1	US-09-875-211-16	Sequence 16, Appl	c 682	10.4	0.5	12	1	US-09-365-029-37	Sequence 37, Appl
c 610	10.8	0.5	15	1	US-09-875-211-16	Sequence 16, Appl	683	10.4	0.5	12	1	US-09-365-029-59	Sequence 59, Appl
c 611	10.8	0.5	15	1	US-10-113-877-35	Sequence 35, Appl	c 684	10.4	0.5	12	1	US-09-835-371-32	Sequence 32, Appl
c 612	10.8	0.5	15	1	US-10-056-414-10	Sequence 10, Appl	c 685	10.4	0.5	12	1	US-09-765-061B-36	Sequence 36, Appl
c 613	10.8	0.5	15	1	US-10-056-414-124	Sequence 124, App	c 686	10.4	0.5	12	1	US-09-835-370-32	Sequence 32, Appl
614	10.8	0.5	15	1	US-10-056-414-198	Sequence 198, App	c 687	10.4	0.5	12	1	US-10-117-108A-18	Sequence 18, Appl
c 615	10.8	0.5	15	1	US-10-056-414-201	Sequence 201, App	c 688	10.4	0.5	12	1	US-10-232-927A-5	Sequence 5, Appl
616	10.8	0.5	15	1	US-10-056-414-205	Sequence 205, App	c 689	10.4	0.5	12	1	US-10-232-927A-33	Sequence 33, Appl
c 617	10.8	0.5	15	1	US-10-116-993-11	Sequence 11, Appl	c 690	10.4	0.5	12	1	US-10-232-927A-35	Sequence 35, Appl

;; PRIOR APPLICATION NUMBER: 07/821,750
;; PRIOR FILING DATE: 1992-01-02
;; PRIOR APPLICATION NUMBER: 07/511,430
;; PRIOR FILING DATE: 1990-04-20
;; NUMBER OF SEQ ID NOS: 87
;; SOFTWARE: Patent In Ver. 2.0
;; SEQ ID NO 9
;; LENGTH: 30
;; TYPE: DNA
;; ORGANISM: Homo sapiens
;; FEATURE:
;; NAME/KEY: CDS
;; LOCATION: (1)..(30)
US-09-792-356-9

Query Match 1.4%; Score 30; DB 1; Length 30;
Best Local Similarity 100.0%; Pred. No. 0.012;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 859 GTTAAGGCACTGAGGACTCAGGCACCACA 888
|||||
Db 1 GTTAAGGCACTGAGGACTCAGGCACCACA 30
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RESULT 4

US-09-756-186-19/c
;; Sequence 19, Application US/09756186
;; Patent No. US20010014333A1
;; GENERAL INFORMATION:
;; APPLICANT: Campbell, Robert K.
;; APPLICANT: Jameson, Bradford A.
;; APPLICANT: Chappel, Scott C.
;; TITLE OF INVENTION: HYBRID PROTEINS
;; NUMBER OF SEQUENCES: 22
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: BROWDY AND NEIMARK
;; STREET: 419 Seventh Street N.W., Ste. 300
;; CITY: Washington
;; STATE: D.C.
;; COUNTRY: USA
;; ZIP: 22207
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Patent In Release #1.0, Version #1.30
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09756,186
;; FILING DATE:
;; CLASSIFICATION:
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 08/804,166
;; FILING DATE:
;; CLASSIFICATION:
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Browdy, Roger L.
;; REGISTRATION NUMBER: 25,618
;; REFERENCE/DOCKET NUMBER: CAMPBELL=2A
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (202) 628-5197
;; TELEFAX: (202) 737-3528
;; INFORMATION FOR SEQ ID NO: 19:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 21 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: cdna
US-09-756-186-19

Query Match 1.0%; Score 21; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.5;
Matches 21; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 868 ACTGAGGACTCAGGCACCACA 888
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Db 21 ACTGAGGACTCAGGCACCACA 1
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RESULT 5

US-10-349-977-2/c
;; Sequence 2, Application US/10349977
;; Publication No. US20040013646A1
;; GENERAL INFORMATION:
;; APPLICANT: WALLACH, David
;; BOLDIN, Mark
;; METT, Igor
;; VARFOLOMEYEV, Eugene
;; TITLE OF INVENTION: MODULATOR OF TNF/NGF SUPERFAMILY RECEPTORS
;; AND SOLUBLE OLIGOMERIC TNF/NGF SUPERFAMILY RECEPTORS
;; NUMBER OF SEQUENCES: 37
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: BROWDY AND NEIMARK
;; STREET: 419 Seventh Street, N.W., Suite 300
;; CITY: Washington
;; STATE: D.C.
;; COUNTRY: USA
;; ZIP: 20004
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Patent In Release #1.0, Version #1.30
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/10/349,977
;; FILING DATE: 24-Jan-2003
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US/08/747,562
;; FILING DATE: 11-MAY-1995
;; APPLICATION NUMBER: PCT/US95/05854
;; FILING DATE: 11-MAY-1994
;; APPLICATION NUMBER: IL 109,632
;; FILING DATE: 02-OCT-1994
;; APPLICATION NUMBER: IL 111,125
;; FILING DATE: 02-OCT-1994
;; ATTORNEY/AGENT INFORMATION:
;; NAME: BROWDY, Roger L.
;; REGISTRATION NUMBER: 25,618
;; REFERENCE/DOCKET NUMBER: WALLACH=15A
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 202-628-5197
;; TELEFAX: 202-737-3528
;; INFORMATION FOR SEQ ID NO: 2:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 28 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: cdna
;; SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-10-349-977-2

Query Match 0.9%; Score 20; DB 1; Length 28;
Best Local Similarity 100.0%; Pred. No. 6.8;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 871 GAGGACTCAGGCACCACAGT 890
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Db 28 GAGGACTCAGGCACCACAGT 9
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RESULT 6

US-10-464-609-12
;; Sequence 12, Application US/10464609
;; Publication No. US20040029230A1
;; GENERAL INFORMATION:

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; APPLICANT: KYNDT, John, Jozef Armand
; APPLICANT: VAN BEEUMEN, Jozef
; TITLE OF INVENTION: No. US20040029230A1el Methods For Synthesis of
; TITLE OF INVENTION: Holo-Photoactive Yellow Protein
; FILE REFERENCE: 50304/008001
; CURRENT FILING DATE: 2003-06-18
; PRIOR APPLICATION NUMBER: US/10/464,609
; PRIOR FILING DATE: 2002-06-18
; PRIOR APPLICATION NUMBER: US 60/389,593
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-464-609-12

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Query Match      0.8%; Score 18.2; DB 1; Length 23;
Best Local Similarity 87.0%; Pred. No. 12;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY 1065 CCCAGCTTCAGTCCACCTCCAG 1087
Db 1 CGCAGCTTCAGTCCCAATCCCG 23

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RESULT 7
US-10-113-877-128/c
; Sequence 128, Application US/10113877
; Publication No. US20020177218A1
; GENERAL INFORMATION:
; APPLICANT: Fang, Yu
; APPLICANT: Wang, Xiao-Yang
; APPLICANT: Turpin, Pierre
; TITLE OF INVENTION: Methods of detecting multiple DNA
; TITLE OF INVENTION: binding protein and DNA interactions in a sample, and
; TITLE OF INVENTION: devices, systems and kits for practicing the same.
; FILE REFERENCE: CLON-071
; CURRENT APPLICATION NUMBER: US/10/113,877
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: 60/280,658
; PRIOR FILING DATE: 2001-03-30
; PRIOR APPLICATION NUMBER: 60/314,330
; PRIOR FILING DATE: 2001-08-20
; NUMBER OF SEQ ID NOS: 192
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 128
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-113-877-128

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Query Match      0.8%; Score 18.2; DB 1; Length 23;
Best Local Similarity 87.0%; Pred. No. 12;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY 1183 CCCGCGAGAGGTGGCACC 1205
Db 23 CGCGCGAGAGGTGGCAGTCC 1

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RESULT 8
US-09-756-301A-15/c
; Sequence 15, Application US/09756301A
; Patent No. US20010027249A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter

```

```

; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; TITLE OF INVENTION: Human Tumor Necrosis Factor
; FILE REFERENCE: 0975.1005-008
; CURRENT APPLICATION NUMBER: US/09/756.301A
; CURRENT FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR oligonucleotides
US-09-756-301A-15

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Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 835 TTGTGCTACCCAGATT 852
Db 18 TTGTGCTACCCAGATT 1

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RESULT 9
US-09-927-703-15/c
; Sequence 15, Application US/09927703
; Patent No. US20020022720A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; TITLE OF INVENTION: Human Tumor Necrosis Factor
; FILE REFERENCE: 0975.1005-013
; CURRENT APPLICATION NUMBER: US/09/927,703
; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: U.S. 09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18

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; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR oligonucleotides
US-09-927-703-15

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 835 TTGTGCTACCCAGATT 852
Db 18 TTGTGCTACCCAGATT 1

RESULT 10

US-09-766-535A-15/c
; Sequence 15, Application US/09766535A
; Patent No. US20020106372A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; TITLE OF INVENTION: Human Tumor Necrosis Factor

; FILE REFERENCE: 0975.1005-010
; CURRENT APPLICATION NUMBER: US/09766,535A
; CURRENT FILING DATE: 2001-01-18
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18

; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR oligonucleotides
US-09-766-535A-15

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 835 TTGTGCTACCCAGATT 852
Db 18 TTGTGCTACCCAGATT 1

RESULT 11

US-09-756-161A-15/c
; Sequence 15, Application US/09756161A
; Patent No. US2002013207A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; TITLE OF INVENTION: Human Tumor Necrosis Factor

; FILE REFERENCE: 0975.1005-007
; CURRENT APPLICATION NUMBER: US/09756,161A
; CURRENT FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18

; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR oligonucleotides
US-09-756-161A-15

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 835 TTGTGCTACCCAGATT 852
Db 18 TTGTGCTACCCAGATT 1


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RESULT 15
US-10-044-534-15/c
; Sequence 15, Application US/10044534
; Publication No. US20020146419A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; TITLE OF INVENTION: Human Tumor Necrosis Factor
; FILE REFERENCE: 0975.1005-013
; CURRENT APPLICATION NUMBER: US/10/044,534
; CURRENT FILING DATE: 2002-01-10
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: U.S. 09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR oligonucleotides
US-10-044-534-15

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 835 TTGTGCTACCCAGATT 852
Db 18 TTGTGCTACCCAGATT 1

RESULT 16
US-10-043-432-15/c
; Sequence 15, Application US/10043432
; Publication No. US20030054004A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; TITLE OF INVENTION: Human Tumor Necrosis Factor
; FILE REFERENCE: 0975.1005-006
; CURRENT APPLICATION NUMBER: US/10/208,145
; CURRENT FILING DATE: 2002-07-29
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR oligonucleotides
US-10-044-534-15

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 835 TTGTGCTACCCAGATT 852
Db 18 TTGTGCTACCCAGATT 1

RESULT 17
US-10-208-145-15/c
; Sequence 15, Application US/10208145
; Publication No. US2003013935A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; TITLE OF INVENTION: Human Tumor Necrosis Factor
; FILE REFERENCE: 0975.1005-006
; CURRENT APPLICATION NUMBER: US/10/208,145
; CURRENT FILING DATE: 2002-07-29
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR oligonucleotides
US-10-043-432-15

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 835 TTGTGCTACCCAGATT 852
Db 18 TTGTGCTACCCAGATT 1
```

```
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR oligonucleotides
US-10-208-145-15
```

```
Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 835 TTGTGCTACCCAGATT 852
Db 18 TTGTGCTACCCAGATT 1
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RESULT 18
US-10-198-845-15/c
; Sequence 15, Application US/10198845
; Publication No. US20030144484A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; TITLE OF INVENTION: Human Tumor Necrosis Factor
; FILE REFERENCE: 0975.1005-006
; CURRENT FILING DATE: 2002-07-18
; PRIOR APPLICATION NUMBER: US/10/198,845
; PRIOR FILING DATE: 2002-07-18
; PRIOR APPLICATION NUMBER: US/09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
```

```
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR oligonucleotides
US-10-198-845-15
```

```
Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
QY 835 TTGTGCTACCCAGATT 852
Db 18 TTGTGCTACCCAGATT 1
```

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RESULT 19
US-10-227-488-15/c
; Sequence 15, Application US/10227488
; Publication No. US20030147891A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; TITLE OF INVENTION: Human Tumor Necrosis Factor
; FILE REFERENCE: 0975.1005-025
; CURRENT APPLICATION NUMBER: US/10/227,488
; CURRENT FILING DATE: 2002-08-23
; PRIOR APPLICATION NUMBER: U.S. 09/766,535
; PRIOR FILING DATE: 2001-01-18
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR oligonucleotides
US-10-227-488-15
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```
Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 835 TTGTGCTACCCAGATT 852
Db 18 TTGTGCTACCCAGATT 1
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Db 18 TTGTGCTACCCAGATT 1

RESULT 20

US-10-187-121-15/c

Sequence 15, Application US/10187121

Publication No. US20030175275A1

GENERAL INFORMATION:

APPLICANT: Le, Junming

APPLICANT: Vilcek, Jan

APPLICANT: Daddona, Peter

APPLICANT: Ghraieb, John

APPLICANT: Knight, David M.

APPLICANT: Siegel, Scott

TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of Human Tumor Necrosis Factor

FILE REFERENCE: 0975.1005-006

CURRENT FILING DATE: 2002-06-28

PRIOR APPLICATION NUMBER: US/10/187,121

PRIOR FILING DATE: 2002-06-28

PRIOR APPLICATION NUMBER: US 09/756,398

PRIOR FILING DATE: 2001-01-08

PRIOR APPLICATION NUMBER: U.S. 09/133,119

PRIOR FILING DATE: 1998-08-12

PRIOR APPLICATION NUMBER: U.S. 08/570,674

PRIOR FILING DATE: 1995-12-11

PRIOR APPLICATION NUMBER: U.S. 08/324,799

PRIOR FILING DATE: 1994-10-18

PRIOR APPLICATION NUMBER: U.S. 08/192,102

PRIOR FILING DATE: 1994-02-04

PRIOR APPLICATION NUMBER: U.S. 08/192,861

PRIOR FILING DATE: 1994-02-04

PRIOR APPLICATION NUMBER: U.S. 08/192,093

PRIOR FILING DATE: 1994-02-04

PRIOR APPLICATION NUMBER: U.S. 08/010,406

PRIOR FILING DATE: 1993-01-29

PRIOR APPLICATION NUMBER: U.S. 08/013,413

PRIOR FILING DATE: 1993-02-02

PRIOR APPLICATION NUMBER: U.S. 08/570,674

PRIOR FILING DATE: 1995-12-11

PRIOR APPLICATION NUMBER: U.S. 08/324,799

PRIOR FILING DATE: 1994-10-18

PRIOR APPLICATION NUMBER: U.S. 08/192,102

PRIOR FILING DATE: 1994-02-04

PRIOR APPLICATION NUMBER: U.S. 08/192,861

PRIOR FILING DATE: 1994-02-04

PRIOR APPLICATION NUMBER: U.S. 08/192,093

PRIOR FILING DATE: 1994-02-04

PRIOR APPLICATION NUMBER: U.S. 08/010,406

PRIOR FILING DATE: 1993-01-29

PRIOR APPLICATION NUMBER: U.S. 08/013,413

PRIOR FILING DATE: 1993-02-02

PRIOR APPLICATION NUMBER: U.S. 07/943,852

PRIOR FILING DATE: 1992-09-11

PRIOR APPLICATION NUMBER: U.S. 07/853,606

PRIOR FILING DATE: 1992-03-18

PRIOR APPLICATION NUMBER: U.S. 07/670,827

PRIOR FILING DATE: 1991-03-18

NUMBER OF SEQ ID NOS: 19

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 15

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: PCR oligonucleotides

US-10-187-121-15

Query Match 0.8%; Score 18; DB 1; Length 18;

Best Local Similarity 100.0%; Pred. No. 6.6;

Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 835 TTGTGCTACCCAGATT 852

Db 18 TTGTGCTACCCAGATT 1

RESULT 21

US-10-176-460-15/c

Sequence 15, Application US/10176460

Publication No. US20030176676A1

GENERAL INFORMATION:

APPLICANT: Le, Junming

APPLICANT: Vilcek, Jan

APPLICANT: Daddona, Peter

APPLICANT: Ghraieb, John

APPLICANT: Knight, David M.

APPLICANT: Siegel, Scott

TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of Human Tumor Necrosis Factor

FILE REFERENCE: 0975.1005-006

CURRENT FILING DATE: 2002-06-28

PRIOR APPLICATION NUMBER: US/10/187,121

PRIOR FILING DATE: 2002-06-28

PRIOR APPLICATION NUMBER: US 09/756,398

PRIOR FILING DATE: 2001-01-08

PRIOR APPLICATION NUMBER: U.S. 09/133,119

PRIOR FILING DATE: 1998-08-12

PRIOR APPLICATION NUMBER: U.S. 08/570,674

PRIOR FILING DATE: 1995-12-11

PRIOR APPLICATION NUMBER: U.S. 08/324,799

PRIOR FILING DATE: 1994-10-18

PRIOR APPLICATION NUMBER: U.S. 08/192,102

; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of Human Tumor Necrosis Factor

; FILE REFERENCE: 0975.1005-006

; CURRENT APPLICATION NUMBER: US/10/176,460

; CURRENT FILING DATE: 2002-06-20

; PRIOR APPLICATION NUMBER: US/09/756,398

; PRIOR FILING DATE: 2001-01-08

; PRIOR APPLICATION NUMBER: U.S. 09/133,119

; PRIOR FILING DATE: 1998-08-12

; PRIOR APPLICATION NUMBER: U.S. 08/570,674

; PRIOR FILING DATE: 1995-12-11

; PRIOR APPLICATION NUMBER: U.S. 08/324,799

; PRIOR FILING DATE: 1994-10-18

; PRIOR APPLICATION NUMBER: U.S. 08/192,102

; PRIOR FILING DATE: 1994-02-04

; PRIOR APPLICATION NUMBER: U.S. 08/192,861

; PRIOR APPLICATION NUMBER: U.S. 08/192,093

; PRIOR FILING DATE: 1994-02-04

; PRIOR APPLICATION NUMBER: U.S. 08/010,406

; PRIOR FILING DATE: 1993-01-29

; PRIOR APPLICATION NUMBER: U.S. 08/013,413

; PRIOR FILING DATE: 1993-02-02

; PRIOR APPLICATION NUMBER: U.S. 07/943,852

; PRIOR FILING DATE: 1992-09-11

; PRIOR APPLICATION NUMBER: U.S. 07/853,606

; PRIOR FILING DATE: 1992-03-18

; PRIOR APPLICATION NUMBER: U.S. 07/670,827

; PRIOR FILING DATE: 1991-03-18

; NUMBER OF SEQ ID NOS: 19

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 15

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: PCR oligonucleotides

US-10-176-460-15

Query Match 0.8%; Score 18; DB 1; Length 18;

Best Local Similarity 100.0%; Pred. No. 6.6;

Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 835 TTGTGCTACCCAGATT 852

Db 18 TTGTGCTACCCAGATT 1

RESULT 22

US-10-186-559-15/c

Sequence 15, Application US/10186559

Publication No. US20030180299A1

GENERAL INFORMATION:

APPLICANT: Le, Junming

APPLICANT: Vilcek, Jan

APPLICANT: Daddona, Peter

APPLICANT: Ghraieb, John

APPLICANT: Knight, David M.

APPLICANT: Siegel, Scott

TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of Human Tumor Necrosis Factor

FILE REFERENCE: 0975.1005-006

CURRENT APPLICATION NUMBER: US/10/186,559

CURRENT FILING DATE: 2002-06-28

PRIOR APPLICATION NUMBER: US 09/756,398

PRIOR FILING DATE: 2001-01-08

PRIOR APPLICATION NUMBER: U.S. 09/133,119

PRIOR FILING DATE: 1998-08-12

PRIOR APPLICATION NUMBER: U.S. 08/570,674

PRIOR FILING DATE: 1995-12-11

PRIOR APPLICATION NUMBER: U.S. 08/324,799

PRIOR FILING DATE: 1994-10-18

PRIOR APPLICATION NUMBER: U.S. 08/192,102

```
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR oligonucleotides
US-10-186-559-15
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```
Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 835 TTGTGCTTACCCAGATT 852
DB 18 TTGTGCTTACCCAGATT 1
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RESULT 23
US-10-371-961-15/c
; Sequence 15, Application US/10371961
; Publication No. US20030181695A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Methods of Treating Vascular Inflammatory
; TITLE OF INVENTION: Pathology By Multiple Administration Of Chimeric
; TITLE OF INVENTION: Anti-TNF Antibodies
; FILE REFERENCE: 0975.1005-033
; CURRENT APPLICATION NUMBER: US/10/371,961
; PRIOR FILING DATE: 2003-02-21
; PRIOR APPLICATION NUMBER: U.S. 08/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR oligonucleotides
US-10-186-559-15
```

```
Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 30
```

```
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR oligonucleotides
US-10-371-961-15
```

```
Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY 835 TTGTGCTTACCCAGATT 852
DB 18 TTGTGCTTACCCAGATT 1
```

```
RESULT 24
US-10-200-795-15/c
; Sequence 15, Application US/10200795
; Publication No. US20030187231A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; FILE REFERENCE: 0975.1005-006
; CURRENT APPLICATION NUMBER: US/10/200,795
; CURRENT FILING DATE: 2002-07-22
; PRIOR APPLICATION NUMBER: US/09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR oligonucleotides
US-10-200-795-15
```

```
Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
; NUMBER OF SEQ ID NOS: 30
```

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Db      18 TTGTGCTACCCAGATT 1
|||||
RESULT 25
US-10-319-011-15/c
; Sequence 15, Application US/10319011
; Publication No. US20030194402A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; TITLE OF INVENTION: Human Tumor Necrosis Factor
; FILE REFERENCE: 0975.1005-006
; CURRENT APPLICATION NUMBER: US/10/319,011
; CURRENT FILING DATE: 2002-12-12
; PRIOR APPLICATION NUMBER: US/09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR oligonucleotides
US-10-319-011-15

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      835 TTGTGCTACCCAGATT 852
|||||
Db      18 TTGTGCTACCCAGATT 1
|||||
RESULT 26
US-10-371-443-15/c
; Sequence 15, Application US/10371443
; Publication No. US20030198634A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Methods of Treating Joint Inflammation
; TITLE OF INVENTION: With Chimeric Anti-TNF Antibodies
```

```
; FILE REFERENCE: 0975.1005-031
; CURRENT APPLICATION NUMBER: US/10/371,443
; CURRENT FILING DATE: 2003-02-21
; PRIOR APPLICATION NUMBER: U.S. 09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR oligonucleotides
US-10-371-443-15

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      835 TTGTGCTACCCAGATT 852
|||||
Db      18 TTGTGCTACCCAGATT 1
|||||
RESULT 27
US-10-379-866-15/c
; Sequence 15, Application US/10379866
; Publication No. US20030198641A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Methods of Treating Ulcerative Colitis
; TITLE OF INVENTION: With Chimeric Anti-TNF Antibodies
; FILE REFERENCE: 0975.1005-034
; CURRENT APPLICATION NUMBER: US/10/379,866
; CURRENT FILING DATE: 2003-03-04
; PRIOR APPLICATION NUMBER: U.S. 09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
```

;; PRIOR APPLICATION NUMBER: U.S. 08/010,406
;; PRIOR FILING DATE: 1993-01-29
;; PRIOR APPLICATION NUMBER: U.S. 08/013,413
;; PRIOR FILING DATE: 1993-02-02
;; PRIOR APPLICATION NUMBER: U.S. 07/943,852
;; PRIOR FILING DATE: 1992-09-11
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 30
;; SOFTWARE: FastSeq for Windows Version 4.0
;; SEQ ID NO 15
;; LENGTH: 18
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: PCR oligonucleotides
US-10-379-866-15

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6.6;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 835 TTGTGCTTACCCAGATT 852
DB 18 TTGTGCTTACCCAGATT 1

RESULT 28
US-09-757-041-11
;; Sequence 11, Application US/09757041
;; Patent No. US20020009726A1
;; GENERAL INFORMATION:
;; APPLICANT: Reed, John C.
;; APPLICANT: Sato, Takaki
;; TITLE OF INVENTION: CD40 Associated Proteins
;; NUMBER OF SEQUENCES: 17
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Campbell and Flores
;; STREET: 4370 La Jolla Village Drive, Suite 700
;; CITY: San Diego
;; STATE: California
;; COUNTRY: USA
;; ZIP: 92122
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/757,041
;; FILING DATE:
;; CLASSIFICATION:
;; PRIOR APPLICATION DATA: 08/349,357
;; APPLICATION NUMBER: 08/349,357
;; FILING DATE:
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Campbell, Cathryn A.
;; REGISTRATION NUMBER: 31,815
;; REFERENCE/DOCKET NUMBER: P-LJ 1203
;; TELEPHONE: (619) 535-9001
;; TELEFAX: (619) 535-8949
;; INFORMATION FOR SEQ ID NO: 11:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 24 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
US-09-757-041-11

Query Match 0.8%; Score 18; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 16;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 958 CGCTACCAACGGTGGAG 975
DB 7 CGCTACCAACGGTGGAG 24

RESULT 29
US-10-276-358-36
;; Sequence 36, Application US/10276358
;; Publication No. US20040018586A1
;; GENERAL INFORMATION:
;; APPLICANT: Rosendahl, Mary
;; APPLICANT: Cox, George
;; APPLICANT: Doherty, Daniel
;; TITLE OF INVENTION: Methods for Refolding Proteins Containing Free Cysteine Residues
;; FILE REFERENCE: 4152-4-PCT
;; CURRENT APPLICATION NUMBER: US/10/276,358
;; CURRENT FILING DATE: 2003-04-10
;; PRIOR APPLICATION NUMBER: 60/204,617
;; PRIOR FILING DATE: 2000-05-16
;; NUMBER OF SEQ ID NOS: 79
;; SOFTWARE: PatentIn version 3.0
;; SEQ ID NO 36
;; LENGTH: 24
;; TYPE: DNA
;; ORGANISM: Artificial
;; FEATURE:
;; OTHER INFORMATION: primer
US-10-276-358-36

Query Match 0.8%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 20;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 944 TTGGTTTAATGTCGCTACCAAC 967
DB 1 TTCGTTTCTCTATCGTACCAAC 24

RESULT 30
US-10-321-039-633
;; Sequence 633, Application US/10321039
;; Publication No. US20040014067A1
;; GENERAL INFORMATION:
;; APPLICANT: Lyamichev, Victor
;; APPLICANT: Lukowiak, Andrew
;; APPLICANT: Jarvis, Nancy
;; APPLICANT: Kurensky, David
;; TITLE OF INVENTION: Amplification Methods and Compositions
;; FILE REFERENCE: FORS-06960
;; CURRENT APPLICATION NUMBER: US/10/321,039
;; CURRENT FILING DATE: 2002-12-17
;; PRIOR APPLICATION NUMBER: 09/998,157
;; PRIOR FILING DATE: 2001-11-30
;; PRIOR APPLICATION NUMBER: 60/329,113
;; PRIOR FILING DATE: 2001-10-12
;; PRIOR APPLICATION NUMBER: 60/360,489
;; PRIOR FILING DATE: 2001-10-19
;; NUMBER OF SEQ ID NOS: 759
;; SOFTWARE: PatentIn version 3.2
;; SEQ ID NO 633
;; LENGTH: 22
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Synthetic
US-10-321-039-633

Query Match 0.8%; Score 17.4; DB 1; Length 22;
Best Local Similarity 94.7%; Pred. No. 18;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 726 CTGCCAGGAGAAACAGAAC 744

Db 4 CTCGAGGAGACAGAAC 22

RESULT 31

US-10-038-335-4/c

Sequence 4, Application US/10038335

Publication No. US20030096776A1

GENERAL INFORMATION:

APPLICANT: Ecker, David J.

APPLICANT: Wyatt, Jacqueline

APPLICANT: Bennett, C. Frank

APPLICANT: Hanecak, Ronnie

APPLICANT: Brown-Driver, Vickie

APPLICANT: Vickers, Timothy

APPLICANT: Chiang, Ming-yi

APPLICANT: Anderson, Kevin

TITLE OF INVENTION: Modulation Of Telomere Length By Oligonucleotides Having A G-Core

TITLE OF INVENTION: Sequence

FILE REFERENCE: ISIS-4976

CURRENT APPLICATION NUMBER: US/10/038,335

CURRENT FILING DATE: 2001-01-02

PRIOR APPLICATION NUMBER: 09/299,058

PRIOR FILING DATE: 1999-04-23

PRIOR APPLICATION NUMBER: 08/403,888

PRIOR FILING DATE: 1995-06-12

PRIOR APPLICATION NUMBER: PCT/US93/09297

PRIOR FILING DATE: 1993-09-29

PRIOR APPLICATION NUMBER: 07/954,185

PRIOR FILING DATE: 1992-09-29

NUMBER OF SEQ ID NOS: 10

SOFTWARE: Patent in version 3.1

SEQ ID NO 4

LENGTH: 24

TYPE: DNA

ORGANISM: No. US20030096776A1 sequence

FEATURE:

OTHER INFORMATION: Antisense sequence

US-10-038-335-4

Query Match 0.8%; Score 17.2; DB 1; Length 24;

Best Local Similarity 86.4%; Pred. No. 26;

Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGAGGAGACAGAACCC 1266

Db 24 CCGAGGAGACAGAACCC 3

RESULT 32

US-10-232-927A-29

Sequence 29, Application US/10232927A

Publication No. US20030190638A1

GENERAL INFORMATION:

APPLICANT: Michael D. West

Calvin B. Harley

Scott L. Weinrich

Catherine M. Strahl

Michael J. Meeachern

Jerry Shay

Woodring E. Wright

Elizabeth H. Blackburn

Nam Woo Kim

Homayoun Vaziri

TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF

CONDITIONS RELATED TO

TELOMERE LENGTH AND/OR

TELOMERASE ACTIVITY

NUMBER OF SEQUENCES: 80

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: PastSeq for Windows 2.0

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/232,927A

FILING DATE: 29-Aug-2002

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/09/378,535

FILING DATE: 20-Aug-1999

APPLICATION NUMBER: 08/819,867

FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Chambers, Daniel M.

REGISTRATION NUMBER: 34,561

REFERENCE/DOCKET NUMBER: 224/232

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 29:

SEQUENCE CHARACTERISTICS:

LENGTH: 24 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 29:

US-10-232-927A-29

Query Match 0.8%; Score 17.2; DB 1; Length 24;

Best Local Similarity 86.4%; Pred. No. 26;

Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGAGGAGACAGAACCC 1266

Db 1 CCGAGGAGACAGAACCC 22

RESULT 33

US-10-232-927A-32/c

Sequence 32, Application US/10232927A

Publication No. US20030190638A1

GENERAL INFORMATION:

APPLICANT: Michael D. West

Calvin B. Harley

Scott L. Weinrich

Catherine M. Strahl

Michael J. Meeachern

Jerry Shay

Woodring E. Wright

Elizabeth H. Blackburn

Nam Woo Kim

Homayoun Vaziri

TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF

CONDITIONS RELATED TO

TELOMERE LENGTH AND/OR

TELOMERASE ACTIVITY

NUMBER OF SEQUENCES: 80

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

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; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/232,927A
; FILING DATE: 29-Aug-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/378,535
; FILING DATE: 20-Aug-1999
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/378,535
; FILING DATE: 20-Aug-1999
; APPLICATION NUMBER: 08/819,867
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Chambers, Daniel M.
; REGISTRATION NUMBER: 34,561
; REFERENCE/DOCKET NUMBER: 224/232
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 32:
US-10-232-927A-32

Query Match 0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 26;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCAACCCC 1266
DB 24 CCCCACCCCAACCCCAACCCC 3

RESULT 34
US-10-232-927A-34/c
; Sequence 34, Application US/10232927A
; Publication No. US20030190638A1
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; Calvin B. Harley
; Scott L. Weinrich
; Catherine M. Strahl
; Michael J. Meeachern
; Jerry Shay
; Woodring E. Wright
; Elizabeth H. Blackburn
; Nam Woo Kim
; Homayoun Vaziri
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
; CONDITIONS RELATED TO
; TELOMERE LENGTH AND/OR
; TELOMERASE ACTIVITY
; NUMBER OF SEQUENCES: 80
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
```

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; SOFTWARE: FastSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/232,927A
; FILING DATE: 29-Aug-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/378,535
; FILING DATE: 20-Aug-1999
; APPLICATION NUMBER: 08/819,867
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Chambers, Daniel M.
; REGISTRATION NUMBER: 34,561
; REFERENCE/DOCKET NUMBER: 224/232
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 34:
US-10-232-927A-34

Query Match 0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 26;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCAACCCC 1266
DB 24 CCCCACCCCAACCCCAACCCC 3

RESULT 35
US-10-118-854-29/c
; Sequence 29, Application US/10118854
; Publication No. US20030194754A1
; GENERAL INFORMATION:
; APPLICANT: Bates, Paula J
; APPLICANT: Miller, Donald M
; APPLICANT: Trent, John O
; APPLICANT: Xu, Xiaohua
; TITLE OF INVENTION: A NEW METHOD FOR THE DIAGNOSIS AND PROGNOSIS OF MALIGNANT
; TUMORS
; FILE OF INVENTION: DISEASES
; FILE REFERENCE: 9799910-
; CURRENT APPLICATION NUMBER: US/10/118,854
; CURRENT FILING DATE: 2003-04-08
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: Patent version 3.2
; SEQ ID NO 29
; LENGTH: 24
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: synthetic oligonucleotide
US-10-118-854-29

Query Match 0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 26;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCAACCCC 1266
DB 24 CCCCACCCCAACCCCAACCCC 3

RESULT 36
US-09-949-427-355
; Sequence 355, Application US/09949427
; Publication No. US20030054418A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Bodnar, Jackie S.
; APPLICANT: Castellani, Lawrence W.
; APPLICANT: Chatterjee, Aurobindo
; APPLICANT: de Jong, Pieter
; APPLICANT: Lusis, Aldons J.
; APPLICANT: Ohmen, Jeff
; APPLICANT: Ross, David
; APPLICANT: Tafuri, Sherrie
; APPLICANT: Wu, Chenyan
; TITLE OF INVENTION: Gene and Sequence Variation Associated with Cancer
; FILE REFERENCE: 02810.0014.NPUS02
; CURRENT APPLICATION NUMBER: US/09/949,427
; CURRENT FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: 60/231,322
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 405
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 355
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-09-949-427-355

Query Match          0.8%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 23;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      866  GCACGTGAGGACTCAGGCACC 885
Db      1  GCTCTGAGGACTCAGGCTCC 20

RESULT 37
US-09-922-449B-6
; Sequence 6, Application US/09922449B
; Publication No. US20030148278A1
; GENERAL INFORMATION:
; APPLICANT: Bioline Gesellschaft fur Biotagnostik, Auftragsforschung und Consulting
; APPLICANT: mbH
; TITLE OF INVENTION: Test kit and method for quantitatively detecting genetically modified
; FILE REFERENCE: 101215-68
; CURRENT APPLICATION NUMBER: US/09/922,449B
; CURRENT FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: PCT/EP00/009835
; PRIOR FILING DATE: 2000-02-07
; PRIOR APPLICATION NUMBER: DE 199 06 169.6
; PRIOR FILING DATE: 1999-02-08
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-922-449B-6

Query Match          0.7%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 57;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1237  GCCTCGCTCCGACCCCATCC 1258
Db      1  GCCTCTACTCCACCCCATCC 22

RESULT 38
US-09-877-478-213
; Sequence 213, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 213
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-213

Query Match          0.7%; Score 15.4; DB 1; Length 17;
Best Local Similarity 29.4%; Pred. No. 30;
Matches 5; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY      907  ATTTCCTTGGTCTTGG 923
Db      1  AUUUUUUUUUUUUUUG 17

RESULT 39
US-09-736-084-45/c
; Sequence 45, Application US/09736084
; Patent No. US20020107211A1
; GENERAL INFORMATION:
; APPLICANT: THE ROCKEFELLER UNIVERSITY
; TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING
; FILE REFERENCE: NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC
; NUMBER OF SEQUENCES: 98
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/736,084
; FILING DATE: 13-Dec-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/438,431
; FILING DATE: May 10, 1995
; APPLICATION NUMBER: 08/347,563
```



```
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense
US-10-244-647-645

Query Match      0.7%; Score 15.4; DB 1; Length 19;
Best Local Similarity 29.4%; Pred. No. 42;
Matches 5; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTGGTCTTTG 923
Db 3 AUUUUUUUUGUUUG 19
|||||:|::|:|:|:|
|:::|:::|:|:|:|

RESULT 43
US-10-244-647-1218/c
; Sequence 1218, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; FILE REFERENCE: 400/060 (MBHB02-1000)
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1218
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-244-647-1218

Query Match      0.7%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 42;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTGGTCTTTG 923
Db 19 ATTTCTTTGGTCTTTG 3
|||||:|::|:|:|:|
|:::|:::|:|:|:|

RESULT 44
US-10-244-647-1288/c
; Sequence 1288, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; FILE REFERENCE: 400/060 (MBHB02-1000)
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
```

```
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-244-647-1288

Query Match      0.7%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 42;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTGGTCTTTG 923
Db 18 ATTTCTTTGGTCTTTG 2
|||||:|::|:~|:~|:~|
|:::~|:::~|:~|:~|

RESULT 45
US-10-244-647-1291/c
; Sequence 1291, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; FILE REFERENCE: 400/060 (MBHB02-1000)
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1291
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-244-647-1291

Query Match      0.7%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 42;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTGGTCTTTG 923
Db 17 ATTTCTTTGGTCTTTG 1
|||||:|::|:~|:~|:~|
|:::~|:::~|:~|:~|

RESULT 46
US-10-349-143-8726/c
; Sequence 8726, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
```

```
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8726
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-17829 for SEQ 861, in complete
US-10-349-143-8726

Query Match      0.7%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 64;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      766 GGTTCCTCTTCTAAGAGAAAA 785
DB      21 GGTCTCTCTCTATAGAAAA 2

RESULT 47
US-10-453-792-274/c
; Sequence 274, Application US/10453792
; Publication No. US20040029110A1
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; MAERTENS, GEERT
; TITLE OF INVENTION: METHOD FOR TYPING AND DETECTING HBV
; NUMBER OF SEQUENCES: 313
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHYE P.C.
; STREET: 1100 NORTH GLEBE ROAD
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: U.S.A.
; ZIP: 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/453,792
; FILING DATE: 04-Jun-2003
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/155,885A
; FILING DATE: 08-Oct-1998
; APPLICATION NUMBER: PCT/EP97/02002
; FILING DATE: 21-APR-1997
; APPLICATION NUMBER: EP 96870053.4
; FILING DATE: 19-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: SADOFF, B.J.
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 2551-5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 816-4000
; TELEFAX: (703) 816-4100
; INFORMATION FOR SEQ ID NO: 274:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 274:
US-10-453-792-135
```

```
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 274:
US-10-453-792-274

Query Match      0.7%; Score 15; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 46;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      728 GCCAGGAGAAACAGA 742
DB      18 GCCAGGAGAAACAGA 4

RESULT 48
US-10-453-792-135/c
; Sequence 135, Application US/10453792
; Publication No. US20040029110A1
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; MAERTENS, GEERT
; TITLE OF INVENTION: METHOD FOR TYPING AND DETECTING HBV
; NUMBER OF SEQUENCES: 313
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHYE P.C.
; STREET: 1100 NORTH GLEBE ROAD
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: U.S.A.
; ZIP: 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/453,792
; FILING DATE: 04-Jun-2003
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/155,885A
; FILING DATE: 08-Oct-1998
; APPLICATION NUMBER: PCT/EP97/02002
; FILING DATE: 21-APR-1997
; APPLICATION NUMBER: EP 96870053.4
; FILING DATE: 19-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: SADOFF, B.J.
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 2551-5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 816-4000
; TELEFAX: (703) 816-4100
; INFORMATION FOR SEQ ID NO: 135:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 135:
US-10-453-792-135

Query Match      0.7%; Score 15; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 63;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;
```

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Qy 907 ATTTCTTTGGTCTTGG 923
Db 17 ATTTCTTTGGTCTTGG 1

RESULT 49
US-09-057-351-36
Sequence 36, Application US/09057351
Patent No. US20010034439A1
GENERAL INFORMATION:
APPLICANT: Villeponteau, Bryant
APPLICANT: Feng, Junli
APPLICANT: Funk, Walter
APPLICANT: Andrews, William H.
TITLE OF INVENTION: Mammalian Telomerase
NUMBER OF SEQUENCES: 42
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/057,351
FILING DATE: 08-APR-1994
CLASSIFICATION: 435
PRIOR APPLICATION NUMBER: US 08/272,102
FILING DATE: 07-JUL-1994
APPLICATION NUMBER: US 08/330,123
FILING DATE: 27-OCT-1994
APPLICATION NUMBER: US 08/472,802
FILING DATE: 07-JUN-1995
ATTORNEY/AGENT INFORMATION:
NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 015389-000821US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-09-057-351-36

Query Match 0.7%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 53;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1247 CCGACCCCATCCCAACC 1264
Db 1 CCAACCCCAACCCCAACC 18

RESULT 51
US-09-735-995-62/c
Sequence 62, Application US/09735995
Patent No. US20010034024A1
GENERAL INFORMATION:
APPLICANT: Keating, Mark T.
APPLICANT: Splawski, Igor
TITLE OF INVENTION: MUTATIONS IN AND GENOMIC STRUCTURE OF HERG - A LONG QT
FILE REFERENCE: 2323-136
CURRENT APPLICATION NUMBER: US/09/735,995
CURRENT FILING DATE: 2000-12-14
PRIOR APPLICATION NUMBER: 09/226,012
PRIOR FILING DATE: 1999-01-06
NUMBER OF SEQ ID NOS: 116
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 62
LENGTH: 20

Qy 1247 CCGACCCCATCCCAACC 1264
Db 1 CCAACCCCAACCCCAACC 18

RESULT 50
US-10-359-935-36
Sequence 36, Application US/10359935
Publication No. US20030153076A1
GENERAL INFORMATION:
APPLICANT: Villeponteau, Bryant
APPLICANT: Feng, Junli
```



```
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-735-995-62

Query Match      0.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 72;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1274 ACTGGAGGAGCAGCCGCC 1291
Db 18 ACTGGAGGAGCAGCAGCC 1

RESULT 52
US-09-828-344-143
; Sequence 143, Application US/09828344
; Publication No. US20030044979A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPID SCRAMBLASE I EXPRESSION
; FILE REFERENCE: RTS-0147
; CURRENT APPLICATION NUMBER: US/09/828,344
; CURRENT FILING DATE: 2001-04-06
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 143
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-828-344-143

Query Match      0.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 72;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1128 CACCTTCACCTCCAGGTC 1145
Db 2 CATCTTCACCTCCAGGTC 19

RESULT 53
US-09-998-027-120
; Sequence 120, Application US/09998027
; Publication No. US20030093819A1
; GENERAL INFORMATION:
; APPLICANT: D'Andrea et al.
; TITLE OF INVENTION: Methods and Compositions for the
; TITLE OF INVENTION: Diagnosis and Treatment of Cancers Associated with Defective
; TITLE OF INVENTION: DNA Repair Mechanisms
; FILE REFERENCE: 2486/101
; CURRENT APPLICATION NUMBER: US/09/998,027
; CURRENT FILING DATE: 2001-11-02
; NUMBER OF SEQ ID NOS: 191
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 120
; LENGTH: 20
; TYPE: DNA
; ORGANISM: MG789
US-09-998-027-120

Query Match      0.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 72;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1062 AAACCCAGCTTCAGTCC 1079
Db 3 AAACCCAGTTCAGTCC 20

RESULT 54
US-09-976-782-72/c

; Sequence 72, Application US/09976782
; Publication No. US20030190715A1
; GENERAL INFORMATION:
; APPLICANT: Grosse et al
; TITLE OF INVENTION: No. US20030190715A1el Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-157
; CURRENT APPLICATION NUMBER: US/09/976,782
; CURRENT FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 60/240,113
; PRIOR FILING DATE: 2000-10-12
; PRIOR APPLICATION NUMBER: 60/240,662
; PRIOR FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: 60/240,732
; PRIOR FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: 60/240,625
; PRIOR FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: 60/240,703
; PRIOR FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: 60/241,190
; PRIOR FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: 60/240,637
; PRIOR FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: 60/240,669
; PRIOR FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: 60/262,455
; PRIOR FILING DATE: 2001-01-18
; PRIOR APPLICATION NUMBER: 60/240,648
; PRIOR FILING DATE: 2000-10-16
; NUMBER OF SEQ ID NOS: 127
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 72
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
US-09-976-782-72

Query Match      0.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 72;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1133 TCACCTCCAGCTCCACCT 1150
Db 19 TCTCTCCAGCTCCCTCCT 2

RESULT 55
US-10-165-099-120
; Sequence 120, Application US/10165099
; Publication No. US20030189326A1
; GENERAL INFORMATION:
; APPLICANT: D'Andrea, Alan
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE DIAGNOSIS OF CANCER SUSCEPTIBILI
; TITLE OF INVENTION: DEFECTIVE DNA REPAIR MECHANISMS AND TREATMENT THEREOF
; FILE REFERENCE: 7032/2055
; CURRENT APPLICATION NUMBER: US/10/165,099
; CURRENT FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 09/998,027
; PRIOR FILING DATE: 2001-11-02
; PRIOR APPLICATION NUMBER: US 60/245,756
; PRIOR FILING DATE: 2000-11-03
; NUMBER OF SEQ ID NOS: 352
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 120
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-165-099-120
```

Query Match 0.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 72;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1062 AAACCAAGCTCAGTCC 1079
|||||
DB 3 AAACCATGATTCAGTCC 20

RESULT 56

US-09-957-837A-24/c
; Sequence 24, Application US/09957837A
; Publication No. US20030023055A1
; GENERAL INFORMATION:
; APPLICANT: LOUGHNEY ET AL
; TITLE OF INVENTION: ATR-2 CELL CYCLE CHECKPOINT
; FILE REFERENCE: 27866/37760
; CURRENT APPLICATION NUMBER: US/09/957,837A
; CURRENT FILING DATE: 2001-09-21
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer SLQrev
US-09-957-837A-24

Query Match 0.7%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 83;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 808 TGTAGAAAGCTGGAG 825
|||||
DB 19 TGTAGACAAGCTGCAG 2

RESULT 57

US-10-291-046-6/c
; Sequence 6, Application US/10291046
; Publication No. US20030143738A1
; GENERAL INFORMATION:
; APPLICANT: Yokota, Hiroki
; APPLICANT: Sun, Hin Bin
; APPLICANT: Xu, Zao C.
; APPLICANT: Ruan, Yiwen
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING
; FILE REFERENCE: ARTI-0210
; CURRENT APPLICATION NUMBER: US/10/291,046
; CURRENT FILING DATE: 2002-11-08
; PRIOR APPLICATION NUMBER: 60/339,980
; PRIOR FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-291-046-6

Query Match 0.7%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 83;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 737 AACAGAACCCGTGTGCA 754
|||||
DB 21 AACAGAACCCAGTGTGCA 4

RESULT 58

US-09-945-505-9
; Sequence 9, Application US/09945505
; Publication No. US20030165844A1
; GENERAL INFORMATION:
; APPLICANT: Anastasio, Alison E.
; APPLICANT: Chew, Anne
; APPLICANT: Denton, R. Rex
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Parks, Katie E.
; APPLICANT: Stephens, J. Claiborne
; TITLE OF INVENTION: Haplotypes of the TNFRSF1A Gene
; FILE REFERENCE: MWH-0030US
; CURRENT APPLICATION NUMBER: US/09/945,505
; CURRENT FILING DATE: 2001-08-31
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-945-505-9

Query Match 0.7%; Score 14.6; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 35;
Matches 14; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1183 CCCCAGAGAGGTG 1197
|||||
DB 1 CCCCAGAGAGGTG 15

RESULT 59

US-09-945-505-21
; Sequence 21, Application US/09945505
; Publication No. US20030165844A1
; GENERAL INFORMATION:
; APPLICANT: Anastasio, Alison E.
; APPLICANT: Denton, R. Rex
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Parks, Katie E.
; APPLICANT: Stephens, J. Claiborne
; TITLE OF INVENTION: Haplotypes of the TNFRSF1A Gene
; FILE REFERENCE: MWH-0030US
; CURRENT APPLICATION NUMBER: US/09/945,505
; CURRENT FILING DATE: 2001-08-31
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 21
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-945-505-21

Query Match 0.7%; Score 14.6; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 35;
Matches 14; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1177 GCGGCTCCCGCAGA 1191
|||||
DB 1 GCGGCTCCCGCAGA 15

RESULT 60

US-09-945-505-22/c
; Sequence 22, Application US/09945505
; Publication No. US20030165844A1
; GENERAL INFORMATION:
; APPLICANT: Anastasio, Alison E.
; APPLICANT: Chew, Anne
; APPLICANT: Denton, R. Rex
; APPLICANT: Nandabalan, Krishnan

; PRIOR APPLICATION NUMBER: US 09/531,025

Qy 908 TTTTCTTGGTCTTG 923

QY 1127 CCACCTTCCACCTCCAG 1142
 DB 2 CCACCTCCACCTCCAG 17

RESULT 68

US-09-057-351-35
 ; Sequence 35, Application US/09057351
 ; Patent No. US20010034439A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Valleponteau, Bryant
 ; APPLICANT: Feng, Junli
 ; APPLICANT: Funk, Walter
 ; APPLICANT: Andrews, William H.
 ; TITLE OF INVENTION: Mammalian Telomerase
 ; NUMBER OF SEQUENCES: 42
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Townsend and Townsend and Crew LLP
 ; STREET: Two Embarcadero Center, Eighth Floor
 ; CITY: San Francisco
 ; STATE: California
 ; COUNTRY: USA
 ; ZIP: 94111-3834
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/057,351
 ; FILING DATE: 08-APR-1994
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 08/272,102
 ; FILING DATE: 07-JUL-1994
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 08/330,123
 ; FILING DATE: 27-OCT-1994
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US 08/472,802
 ; FILING DATE: 07-JUN-1995
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Storella, John R.
 ; REGISTRATION NUMBER: 32,944
 ; REFERENCE/DOCKET NUMBER: 015389-000821US
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (415) 576-0200
 ; TELEFAX: (415) 576-0300
 ; INFORMATION FOR SEQ ID NO: 35:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 18 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: DNA
 ; US-09-057-351-35

Query Match 0.7%; Score 14.4; DB 1; Length 18;
 Best Local Similarity 93.8%; Pred. No. 68;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CCCCATCCCCCAACCCC 1266

DB 1 CCCCAACCCCAACCCC 16

RESULT 69

US-09-947-659-9/c
 ; Sequence 9, Application US/09947659
 ; Patent No. US20020114797A1
 ; GENERAL INFORMATION:
 ; APPLICANT: CHABOT, Benoit

; TITLE OF INVENTION: COMPOSITION AND METHODS FOR MODULATING THE LENGTH OF
 ; FILE REFERENCE: 13024.2
 ; CURRENT APPLICATION NUMBER: US/09/947,659
 ; CURRENT FILING DATE: 2001-09-06
 ; PRIOR APPLICATION NUMBER: US 09/214,178
 ; PRIOR FILING DATE: 1999-02-25
 ; PRIOR APPLICATION NUMBER: PCT/CA97/00471
 ; PRIOR FILING DATE: 1997-06-30
 ; PRIOR APPLICATION NUMBER: 60/020,956
 ; PRIOR FILING DATE: 1996-07-01
 ; NUMBER OF SEQ ID NOS: 10
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 9
 ; LENGTH: 18
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence:
 ; OTHER INFORMATION: oligonucleotide
 ; US-09-947-659-9

Query Match 0.7%; Score 14.4; DB 1; Length 18;
 Best Local Similarity 93.8%; Pred. No. 68;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CCCCATCCCCCAACCCC 1266

DB 18 CCCCAACCCCAACCCC 3

RESULT 70

US-10-359-935-35
 ; Sequence 35, Application US/10359935
 ; Publication No. US20030153076A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Valleponteau, Bryant
 ; APPLICANT: Feng, Junli
 ; APPLICANT: Funk, Walter
 ; APPLICANT: Andrews, William H.
 ; TITLE OF INVENTION: Mammalian Telomerase
 ; NUMBER OF SEQUENCES: 42
 ; CORRESPONDENCE ADDRESS:
 ; ADDRESSEE: Townsend and Townsend and Crew LLP
 ; STREET: Two Embarcadero Center, Eighth Floor
 ; CITY: San Francisco
 ; STATE: California
 ; COUNTRY: USA
 ; ZIP: 94111-3834
 ; COMPUTER READABLE FORM:
 ; MEDIUM TYPE: Floppy disk
 ; COMPUTER: IBM PC compatible
 ; OPERATING SYSTEM: PC-DOS/MS-DOS
 ; SOFTWARE: PatentIn Release #1.0, Version #1.30
 ; CURRENT APPLICATION DATA:
 ; APPLICATION NUMBER: US/10/359,935
 ; FILING DATE: 07-FEB-2003
 ; CLASSIFICATION: 435
 ; PRIOR APPLICATION DATA:
 ; APPLICATION NUMBER: US/09/057,351
 ; FILING DATE: 08-APR-1994
 ; APPLICATION NUMBER: US 08/272,102
 ; FILING DATE: 07-JUL-1994
 ; APPLICATION NUMBER: US 08/330,123
 ; FILING DATE: 27-OCT-1994
 ; APPLICATION NUMBER: US 08/472,802
 ; FILING DATE: 07-JUN-1995
 ; ATTORNEY/AGENT INFORMATION:
 ; NAME: Storella, John R.
 ; REGISTRATION NUMBER: 32,944
 ; REFERENCE/DOCKET NUMBER: 015389-000821US
 ; TELECOMMUNICATION INFORMATION:
 ; TELEPHONE: (415) 576-0200
 ; TELEFAX: (415) 576-0300
 ; INFORMATION FOR SEQ ID NO: 35:
 ; SEQUENCE CHARACTERISTICS:
 ; LENGTH: 18 base pairs
 ; TYPE: nucleic acid
 ; STRANDEDNESS: single
 ; TOPOLOGY: linear
 ; MOLECULE TYPE: DNA
 ; US-09-947-659-9/c

; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 35:
US-10-359-935-35

Query Match 0.7%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 68;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1251 CCCCATCCCAACCCC 1266
Db 1 CCCCAACCCCAACCCC 16

RESULT 71

US-10-244-647-606
; Sequence 606, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/060 (MBHB02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 606
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense
US-10-244-647-606

Query Match 0.7%; Score 14.4; DB 1; Length 19;
Best Local Similarity 25.0%; Pred. No. 80;
Matches 4; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

Qy 908 TTTTCTTTGGTCTTTG 923
Db 1 UUUUCUUUGUCUUUG 16

RESULT 72

US-10-244-647-644
; Sequence 644, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/060 (MBHB02-1000)

; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 644
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense
US-10-244-647-644

Query Match 0.7%; Score 14.4; DB 1; Length 19;
Best Local Similarity 25.0%; Pred. No. 80;
Matches 4; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

Qy 907 ATTTTCTTTGGTCTTT 922
Db 4 AUUUCUUUGUCUUU 19

RESULT 73

US-10-244-647-1252/c
; Sequence 1252, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/060 (MBHB02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1252
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-244-647-1252

Query Match 0.7%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 80;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 908 TTTTCTTTGGTCTTTG 923
Db 19 TTTTCTTTGGTCTTTG 4

RESULT 74

US-10-244-647-1290/c
; Sequence 1290, Application US/10244647

Db 1 GCTTAAGTCCACTCC 16

RESULT 76
US-10-447-136-134/c
; Sequence 134, Application US/10447136
; Publication No. US20040009948A1
; GENERAL INFORMATION:
; APPLICANT: WRIGHT, Jim A.
; TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 and
; TITLE OF INVENTION: R2 Components of Ribonucleotide Reductase
; FILE REFERENCE: 032396-023
; CURRENT APPLICATION NUMBER: US/10/447,136
; CURRENT FILING DATE: 2003-05-29
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/249,247
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-02-11
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/023,040
; PRIOR FILING DATE: EARLIER FILING DATE: 1996-08-02
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/039,959
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-03-07
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 08/904,901
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-08-01
; NUMBER OF SEQ ID NOS: 220
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 134
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
US-10-447-136-134

Query Match 0.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 93;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTTCTTGTGCTTTG 923
|||||

Db 18 TTTTCTTGTGCTTTG 3

RESULT 77
US-09-742-373-4/c
; Sequence 4, Application US/09742373
; Patent No. US20020052471A1
; GENERAL INFORMATION:
; APPLICANT: Althaus, Harald
; APPLICANT: Hauser, Hans-Peter
; TITLE OF INVENTION: Human Procalcitonin and the Preparation and Use Thereof
; FILE REFERENCE: 05552.1445-00
; CURRENT APPLICATION NUMBER: US/09/742,373
; CURRENT FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 19962434.8
; PRIOR FILING DATE: 1999-12-22
; PRIOR APPLICATION NUMBER: 10016278.9
; PRIOR FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 10027954.6
; PRIOR FILING DATE: 2000-06-08
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Primer, non
; OTHER INFORMATION: genomic DNA
US-09-742-373-4

Query Match 0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1057 GCCCCAACCCCAAGCTTCA 1075

Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwigen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV) U
; FILE REFERENCE: 400/060 (MBH02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1290
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-244-647-1290

Query Match 0.7%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 80;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTGTGCTTT 922
|||||

Db 16 ATTTCTTTGTGCTTT 1

RESULT 75
US-10-452-510-137
; Sequence 137, Application US/10452510
; Publication No. US20040005666A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-93
; CURRENT APPLICATION NUMBER: US/10/452,510
; CURRENT FILING DATE: 2003-06-02
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 137
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-452-510-137

Query Match 0.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 93;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1070 GCTTCAAGTCCACTCC 1085
|||||


```

Db      20  GCCCAGATCTAAGCTTCA 2
||||| | | |||||
RESULT 78
US-09-752-639-31
; Sequence 31, Application US/09752639
; Patent No. US20020091243A1
; GENERAL INFORMATION:
; APPLICANT: Gatanaga, T.
; APPLICANT: Granger, G.A.
; TITLE OF INVENTION: Factors Altering Tumor Necrosis
; TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods
; TITLE OF INVENTION: of Use Thereof
; NUMBER OF SEQUENCES: 154
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,639
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Wu, Frank
; REGISTRATION NUMBER: 41,386
; REFERENCE/DOCKET NUMBER: 22000-20577.21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-813-5600
; TELEFAX: 650-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-752-639-31

Query Match      0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred No. 1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      865  GGCACTGAGGACTCAGGCA 883
Db      1  GTCACCTGGGACTCCGGCA 19
||||| | | |||||
RESULT 79
US-09-984-198-31
; Sequence 31, Application US/09984198
; Patent No. US20020106679A1
; GENERAL INFORMATION:
; APPLICANT: Gatanaga, T.
; APPLICANT: Granger, G.A.
; TITLE OF INVENTION: Factors Altering Tumor Necrosis
; TITLE OF INVENTION: of Use Thereof
; NUMBER OF SEQUENCES: 154
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/984,198
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US99/10793
; FILING DATE:
; APPLICATION NUMBER: 09/081,385
; FILING DATE:
; APPLICATION NUMBER: 08/964,747
; FILING DATE: 05-NOV-1997
; APPLICATION NUMBER: 60/030,761
; FILING DATE: 06-NOV-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Wu, Frank
; REGISTRATION NUMBER: 41,386
; REFERENCE/DOCKET NUMBER: 22000-20577.21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-813-5600
; TELEFAX: 650-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-984-198-31

Query Match      0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred No. 1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      865  GGCACTGAGGACTCAGGCA 883
Db      1  GTCACCTGGGACTCCGGCA 19
||||| | | |||||
RESULT 80
US-09-912-724-42
; Sequence 42, Application US/09912724
; Publication No. US20030083280A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; TITLE OF INVENTION: ANTISENSE MODULATION OF C-REACTIVE PROTEIN EXPRESSION
; FILE REFERENCE: ISPH-0584
; CURRENT APPLICATION NUMBER: US/09/912,724
; CURRENT FILING DATE: 2001-07-25
; NUMBER OF SEQ ID NOS: 63
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-09-912-724-42

```

Query Match 0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+02; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1091 TCACCCCCACCTGGGCTT 1109
|||
DB 2 TCTTCTCACCTGGGCTT 20
|||

RESULT 81
US-09-825-489-4/c
; Sequence 4, Application US/09825489
; Publication No. US20030232767A1
; GENERAL INFORMATION:
; APPLICANT: AGRAWAL, SUDHIR
; APPLICANT: KANDIMALLA, EKAMBAR R.
; APPLICANT: BREGMAN, DAVID B.
; APPLICANT: MANI, SRIDHAR
; APPLICANT: LU, YI
; TITLE OF INVENTION: SENSITIZATION OF CELLS TO CYTOTOXIC AGENTS USING
; TITLE OF INVENTION: OLIGONUCLEOTIDES DIRECTED TO NUCLEOTIDE EXCISION REPAIR
; TITLE OF INVENTION: OR TRANSCRIPTION COUPLED REPAIR GENES
; FILE REFERENCE: HYZ-0750S2 (475.08.514)
; CURRENT APPLICATION NUMBER: US/09/825,489
; PRIOR FILING DATE: 2001-04-03
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-825-489-4

Query Match 0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+02; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1268 TTCAGAAAGTGGAGGACAG 1286
|||
DB 19 TGCAGAAAGTGGTAGGTGAG 1
|||

RESULT 82
US-10-380-126-75/c
; Sequence 75, Application US/10380126
; Publication No. US20040029824A1
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-1 EXPRESSION
; FILE REFERENCE: RTPSP-0175
; CURRENT APPLICATION NUMBER: US/10/380,126
; CURRENT FILING DATE: 2003-03-10
; PRIOR APPLICATION NUMBER: 09/657,042
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 86
; SEQ ID NO 75
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-380-126-75

Query Match 0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+02; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1012 CCTGAAAAAGAGGGGAGC 1030

DB 19 CCAGAAAAATTTGGGGAGC 1
|||

RESULT 83
US-10-371-474-69
; Sequence 69, Application US/10371474
; Publication No. US20030144242A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: William Gaarde
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF MEK4 EXPRESSION
; FILE REFERENCE: RTS-0169
; CURRENT APPLICATION NUMBER: US/10/371,474
; CURRENT FILING DATE: 2003-02-21
; PRIOR APPLICATION NUMBER: US/09/676,436
; PRIOR FILING DATE: 2000-09-29
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-371-474-69

Query Match 0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+02; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 907 ATTTCTTTGGTCTTTGCC 925
|||
DB 1 ATTTGTTTCTCTTTGCC 19
|||

RESULT 84
US-10-029-517-27
; Sequence 27, Application US/10029517
; Publication No. US20030148969A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Susan J. Myers
; TITLE OF INVENTION: ANTISENSE MODULATION OF MUCIN 1, TRANSMEMBRANE EXPRESSION
; FILE REFERENCE: RTS-0352
; CURRENT APPLICATION NUMBER: US/10/029,517
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 107
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-029-517-27

Query Match 0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+02; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 797 CCTGTAGTAACCTGTAGAA 815
|||
DB 2 CCTGTACACACTGTAGCA 20
|||

RESULT 85
US-10-289-845-14/c
; Sequence 14, Application US/10289845
; Publication No. US20030170679A1
; GENERAL INFORMATION:
; APPLICANT: Wood, Linda
; APPLICANT: Wagner, Susanne

APPLICANT: Parodi, Luis
; TITLE OF INVENTION: Single Nucleotide Polymorphisms in GH-1
; FILE REFERENCE: 00791.US1
; CURRENT APPLICATION NUMBER: US/10/289,845
; CURRENT FILING DATE: 2002-11-07
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-289-845-14

Query Match 0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1011 ACCTGAAAGAGGGGAG 1029
Db 19 ATCTGAAAGAGGAGGAG 1

RESULT 86

US-10-394-058-4/c
; Sequence 4, Application US/10394058
; Publication No. US20030181662A1
; GENERAL INFORMATION:
; APPLICANT: Althaus, Harald
; APPLICANT: Hauser, Hans-Peter
; TITLE OF INVENTION: Human Procalcitonin and the Preparation and Use Thereof
; FILE REFERENCE: 05552.1445-00
; CURRENT APPLICATION NUMBER: US/10/394,058
; CURRENT FILING DATE: 2003-03-24
; PRIOR APPLICATION NUMBER: US/09/742,373
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 19962434.8
; PRIOR FILING DATE: 1999-12-22
; PRIOR APPLICATION NUMBER: 10016278.9
; PRIOR FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 10027954.6
; PRIOR FILING DATE: 2000-06-08
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Unknown Organism
; FEATURE:
; OTHER INFORMATION: Description of Unknown Organism: Primer, non
; OTHER INFORMATION: genomic DNA
US-10-394-058-4

Query Match 0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1057 GCCCAAAACCCAGCTTCA 1075
Db 20 GCCCAAGATCAAGCTTCA 2

RESULT 87

US-10-349-143-7116/c
; Sequence 7116, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSSET.020CP1

; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7116
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-24210 for SEQ 3182,
US-10-349-143-7116

Query Match 0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 848 AGATTGAGATGTTAAGG 865
Db 19 AAATTGAGATGTTAGGG 1

RESULT 88

US-10-289-762-2388
; Sequence 2388, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 2388
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-2388

Query Match 0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 963 CCAACGGTCGAAGTCCAAG 981
Db 1 CGAACGGTAGAATCCAAG 19

RESULT 89

US-10-289-762-4651
; Sequence 4651, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4651
; LENGTH: 20

```
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-4651

Query Match      0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 758 GCCATGAGGTTCTTCT 776
   ||||| ||||| |||||
Db 2 GCCATGAGGTTCTTCT 20

RESULT 90
US-10-289-762-5845/c
; Sequence 5845, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griflais, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 5845
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-5845

Query Match      0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 816 AAGCTCGAGTGCGAGAG 834
   ||||| ||||| |||||
Db 20 AAGCAGGAGTGCGAGCAG 2

RESULT 91
US-10-453-792-276/c
; Sequence 276, Application US/10453792
; Publication No. US20040029110A1
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; APPLICANT: ROSSAU, RUDI
; APPLICANT: MAERTENS, GEERT
; TITLE OF INVENTION: METHOD FOR TYPING AND DETECTING HBV
; NUMBER OF SEQUENCES: 313
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHYE P.C.
; STREET: 1100 NORTH GLEBE ROAD
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: U.S.A.
; ZIP: 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/453,792
; FILING DATE: 04-Jun-2003
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/155,885A
; FILING DATE: 08-Oct-1998
; APPLICATION NUMBER: PCT/EP97/02002
; FILING DATE: 21-Apr-1997
; APPLICATION NUMBER: EP 96870053.4
```

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; FILING DATE: 19-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: SADOFF, B.J.
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 2551-5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 816-4000
; TELEFAX: (703) 816-4100
; INFORMATION FOR SEQ ID NO: 276:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 276:
US-10-453-792-276

Query Match      0.6%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 88;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 728 GCCAGGAGAAACAG 741
   ||||| ||||| |||||
Db 18 GCCAGGAGAAACAG 5

RESULT 92
US-09-874-162A-12
; Sequence 12, Application US/09874162A
; Patent No. US20020155452A1
; GENERAL INFORMATION:
; APPLICANT: Koontz, Jason
; APPLICANT: Sklar, Jeffrey
; TITLE OF INVENTION: FUSION OF JAZF1 AND JAZA1 GENES IN
; FILE REFERENCE: 05311-024001
; CURRENT APPLICATION NUMBER: US/09/874,162A
; CURRENT FILING DATE: 2001-06-04
; PRIOR APPLICATION NUMBER: US 60/209,093
; PRIOR FILING DATE: 2000-06-02
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer for PCR
US-09-874-162A-12

Query Match      0.6%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 932 CCCCTCTCTTCATT 945
   ||||| ||||| |||||
Db 7 CCCCTCTCTTCATT 20

RESULT 93
US-09-866-108-971
; Sequence 971, Application US/09866108
; Patent No. US2002004800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
```

APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
PRIORITY FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIORITY FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIORITY FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIORITY FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIORITY FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIORITY FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIORITY FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/236,359
PRIORITY FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIORITY FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIORITY FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIORITY FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIORITY FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIORITY FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIORITY FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIORITY FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIORITY FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIORITY FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIORITY FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIORITY FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIORITY FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 971
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-971

Query Match 0.6%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 84;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1053 CCGGCCCCCAAGCCCA 1069
DB 1 CCAGGCCCAAGCCCA 17

RESULT 94
US-09-866-108-972
Sequence 972, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
PRIORITY FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIORITY FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIORITY FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIORITY FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIORITY FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIORITY FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIORITY FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIORITY FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIORITY FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIORITY FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIORITY FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIORITY FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIORITY FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIORITY FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIORITY FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 972
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-972

Query Match 0.8%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 84;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1054 CTGGCCCCCAAGCCCAAG 1070
DB 1 CAGGCCCAAGCCCAAG 17

RESULT 95
US-09-864-785-583
Sequence 583, Application US/09864785
Patent No. US20020177568A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Stinchcomb, Dan
APPLICANT: Draper, Ken
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
TITLE OF INVENTION: Levels of NF-Kappa B
FILE REFERENCE: 400/022 (MEH00-812-D)
CURRENT APPLICATION NUMBER: US/09/864,785
CURRENT FILING DATE: 2001-05-23
NUMBER OF SEQ ID NOS: 3929
SOFTWARE: PatentIn version 3.0
SEQ ID NO 583
LENGTH: 17
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-583

Query Match 0.6%; Score 13.8; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 84;
Matches 14; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1251 CCCCATCCCCAACCCCC 1267
DB 1 CCCCAUCCCAUCCUCC 17

```
RESULT 96
US-09-825-805-676/c
; Sequence 676, Application US/09825805
; Publication No. US20030004122A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Svedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MBH00-831-F (400/009)
; CURRENT APPLICATION NUMBER: US/09/825,805
; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: 09/578,223
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 09/476,387
; PRIOR FILING DATE: 1999-12-30
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1558
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 676
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-825-805-676

Query Match          0.6%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 84;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1112 GTCCGTCGCCAGTTC 1128
Db 17 GTCCAGTCGCCAGTTC 1

RESULT 97
US-09-848-754A-61/c
; Sequence 61, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 61
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-61

Query Match          0.6%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 84;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 860 TTAAGGGCACTGAGGAC 876
Db 17 TTAAGGGCACTGAGGAC 1

RESULT 98
US-09-848-754A-2182/c
; Sequence 2182, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2182
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-2182

Query Match          0.6%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 84;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 859 GTTAAGGGCACTGAGGA 875
Db 17 GTTGAGGGCAATGAGGA 1

RESULT 99
US-09-780-164-840/c
; Sequence 840, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 840
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-840

Query Match          0.6%; Score 13.8; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 84;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 799 TGTAGTAACTCTAAGAA 815
Db 17 TGTGCTAACTCTAAGAA 1

RESULT 100
US-09-827-395A-328
; Sequence 328, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowrira
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor G
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RESULT 105

US-10-238-700-3352
; Sequence 3352, Application US/10238700
; Publication No. US2003015352A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3352
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-3352

Query Match 0.6%; Score 13.8; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 84;
Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 821 TGGAGTGCACGAGTTG 837

Db :||||:|||||:|:|
1 UGGAGUGGACGAGGUG 17

RESULT 106

US-09-969-373-4117/c
; Sequence 4117, Application US/09969373
; Patent No. US20020133852A1
; GENERAL INFORMATION:
; APPLICANT: Effertz, Roger J.
; APPLICANT: Haug, Brian M.
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
; FILE REFERENCE: 38-10(52679)A
; CURRENT APPLICATION NUMBER: US/09/969,373
; CURRENT FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: US 09/754,853
; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 09/760,427
; PRIOR FILING DATE: 2001-01-13
; PRIOR APPLICATION NUMBER: US 09/855,768
; PRIOR FILING DATE: 2001-05-15
; NUMBER OF SEQ ID NOS: 4593
; SEQ ID NO 4117
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Glycine max
US-09-969-373-4117

Query Match 0.6%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 912 CTTTGTCTTTGCCTTT 928

Db :||||:|||||:|:|
18 CTTTGTCTTTGCCTTT 2

RESULT 107

US-10-321-039-630
; Sequence 630, Application US/10321039
; Publication No. US20040014067A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Lukowiak, Andrew
; APPLICANT: Jarvis, Nancy

; APPLICANT: Kurensky, David
; TITLE OF INVENTION: Amplification Methods and Compositions
; FILE REFERENCE: FORS-06960
; CURRENT APPLICATION NUMBER: US/10/321,039
; CURRENT FILING DATE: 2002-12-17
; PRIOR APPLICATION NUMBER: 09/998,157
; PRIOR FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: 60/329,113
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 60/360,489
; PRIOR FILING DATE: 2001-10-19
; NUMBER OF SEQ ID NOS: 759
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 630
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-321-039-630

Query Match 0.6%; Score 13.8; DB 1; Length 18;
Best Local Similarity 88.2%; Pred. No. 1e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1296 GCCACAGAGCCTGAGACA 1312

Db :||||:|||||:|:|
2 GCCACAGAGCCTGGAGA 18

RESULT 108

US-10-251-117-87/c
; Sequence 87, Application US/10251117
; Publication No. US20030170891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
; FILE REFERENCE: 900/042 (MBH02-468-A)
; CURRENT APPLICATION NUMBER: US/10/251,117
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 87
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense r
US-10-251-117-87

Query Match 0.6%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1112 GTCCCGTGCCAGTTCC 1128

Db :||||:|||||:|:|
19 GTCCACTGCCAGTTCC 3

RESULT 109

US-10-251-117-90/c

; Sequence 90, Application US/10251117
; Publication No. US20030170891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
; TITLE OF INVENTION: Gene Expression Using Short Interfering RNA
; FILE REFERENCE: 900/042 (MBHB02-468-A)
; CURRENT APPLICATION NUMBER: US/10/251,117
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 90
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense x
US-10-251-117-90

Query Match 0.6%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1.2e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 739 CAGAACACCGGTGCAC 755
Db 17 CAGGGCACCGGTGCAC 1

RESULT 110
US-10-251-117-336
; Sequence 336, Application US/10251117
; Publication No. US20030170891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
; TITLE OF INVENTION: Gene Expression Using Short Interfering RNA
; FILE REFERENCE: 900/042 (MBHB02-468-A)
; CURRENT APPLICATION NUMBER: US/10/251,117
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 336
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-251-117-336

Query Match 0.6%; Score 13.8; DB 1; Length 19;
Best Local Similarity 64.7%; Pred. No. 1.2e+02;

Matches 11; Conservative 4; Mismatches 2; Indels 0; Gaps 0;
Qy 1112 GTCCCGTCCAGTCC 1128
Db 1 GUCCACUGCCAGUCC 17
RESULT 111
US-10-251-117-339
; Sequence 339, Application US/10251117
; Publication No. US20030170891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
; TITLE OF INVENTION: Gene Expression Using Short Interfering RNA
; FILE REFERENCE: 900/042 (MBHB02-468-A)
; CURRENT APPLICATION NUMBER: US/10/251,117
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 339
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-251-117-339

Query Match 0.6%; Score 13.8; DB 1; Length 19;
Best Local Similarity 76.5%; Pred. No. 1.2e+02;
Matches 13; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy 739 CAGAACACCGGTGCAC 755
Db 3 CAGGGCACCGUGGCAC 19

RESULT 112
US-10-251-117-578/c
; Sequence 578, Application US/10251117
; Publication No. US20030170891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
; TITLE OF INVENTION: Gene Expression Using Short Interfering RNA
; FILE REFERENCE: 900/042 (MBHB02-468-A)
; CURRENT APPLICATION NUMBER: US/10/251,117
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 578

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; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 973
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-973

Query Match      0.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1056  GGGCCCAACCCCAAG 1070
Db      '      ||||||| |||||
                2  GGGCCCAAGCCCAAG 16

RESULT 115
US-09-866-108-974
; Sequence 974, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AROMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30

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PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 974
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-974

Query Match 0.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1056 GGCCCAACCCAG 1070
Db 1 GGCCCAACCCAG 15

RESULT 116

US-09-875-559/c
Sequence 559, Application US/09818875
Publication No. US20030051270A1
GENERAL INFORMATION:
APPLICANT: Kmiec, Eric B.
APPLICANT: Gamper, Howard B.
APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
TITLE OF INVENTION: Stranded Oligonucleotides
FILE REFERENCE: Napro-4
CURRENT APPLICATION NUMBER: US/09/818,875
CURRENT FILING DATE: 2001-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/244,989
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
SEQ ID NO 559
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-818-875-559

Query Match 0.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 953 TGTATCGTACCAAC 967
Db 15 TGTATCGTACCAAC 1

RESULT 117

US-09-818-875-560
Sequence 560, Application US/09818875
Publication No. US20030051270A1
GENERAL INFORMATION:
APPLICANT: Kmiec, Eric B.
APPLICANT: Gamper, Howard B.
APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
TITLE OF INVENTION: Stranded Oligonucleotides
FILE REFERENCE: Napro-4
CURRENT APPLICATION NUMBER: US/09/818,875
CURRENT FILING DATE: 2001-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/244,989
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
SEQ ID NO 560
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-818-875-560

Query Match 0.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 953 TGTATCGTACCAAC 967
Db 3 TGTATCGTACCAAC 17

RESULT 118

US-09-780-533A-1806/c
Sequence 1806, Application US/09780533A
Publication No. US20030060611A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: Chowrira, Bharat
APPLICANT: Haeblerli, Pete
TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
FILE REFERENCE: MSHB00.878-A (400/011)
CURRENT APPLICATION NUMBER: US/09/780,533A
CURRENT FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: US 60/181,797
PRIOR FILING DATE: 2000-02-11
NUMBER OF SEQ ID NOS: 6679
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1806
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-780-533A-1806

Query Match 0.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1135 ACCTCCAGCTCCACC 1149
Db 17 ACCTCCAGCTCCACC 3

RESULT 119
US-09-780-533A-2377/c
; Sequence 2377, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haeblerli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MEH00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2377
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-2377

Query Match 0.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1134 CACCTCCAGCTCCAC 1148
DB 15 CACCTCCAGCTCCTC 1

RESULT 120
US-09-877-478-909
; Sequence 909, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MEH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 909
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-909

Query Match 0.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 26.7%; Pred. No. 1.1e+02;

Matches 4; Conservative 10; Mismatches 1; Indels 0; Gaps 0;
QY 907 ATTCTTTGGTCTT 921
DB 3 AUUUUCUUUGUCUU 17

RESULT 121
US-09-877-478-1602
; Sequence 1602, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MEH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1602
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-1602

Query Match 0.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 26.7%; Pred. No. 1.1e+02;
Matches 4; Conservative 10; Mismatches 1; Indels 0; Gaps 0;

QY 909 TTCTTTGGTCTTGG 923
DB 1 UUUUCUUUGUCUUUG 15

RESULT 122
US-10-060-830-203
; Sequence 203, Application US/10060830
; Publication No. US20030032154A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Nguyen, Cung-Tuong
; TITLE OF INVENTION: HUMAN LCCL DOMAIN CONTAINING PROTEIN
; FILE REFERENCE: PB0169
; CURRENT APPLICATION NUMBER: US/10/060,830
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30

; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: Goodman, Laurie J
; APPLICANT: Bowen, Benjamin A
; TITLE OF INVENTION: Identification of Specific Biomarkers for Breast Cancer Cells
; FILE REFERENCE: 37-000110US
; CURRENT APPLICATION NUMBER: US/10/339,782
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 495
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 203
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-830-203

Query Match 0.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 879 AGGCACACAGTGCT 893
Db 3 AGTCACACAGTGCT 17

RESULT 123
US-10-060-830-206
; Sequence 206, Application US/10060830
; Publication No. US20030032154A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Nguyen, Cung-Tuong
; TITLE OF INVENTION: HUMAN LCCL DOMAIN CONTAINING PROTEIN
; FILE REFERENCE: PB0169
; CURRENT APPLICATION NUMBER: US/10/060,830
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/325,062
; PRIOR FILING DATE: 2001-09-25
; NUMBER OF SEQ ID NOS: 1123
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 206
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-830-206

Query Match 0.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 880 GGCACACACAGTGCTG 894
Db 1 GTCACACACAGTGCTG 15

RESULT 124
US-10-339-782-328
; Sequence 328, Application US/10339782
; Publication No. US20030166026A1

; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: Goodman, Laurie J
; APPLICANT: Bowen, Benjamin A
; TITLE OF INVENTION: Identification of Specific Biomarkers for Breast Cancer Cells
; FILE REFERENCE: 37-000110US
; CURRENT APPLICATION NUMBER: US/10/339,782
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 495
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 328
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-339-782-328

Query Match 0.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1091 TCACCCCCACCCCTGG 1105
Db 3 TCAGCCCCACCCCTGG 17

RESULT 125
US-10-209-787-559/c
; Sequence 559, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 559
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-559

Query Match 0.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 93.3%; Pred. No. 1.1e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 953 TGTATCGCTACCAAC 967
Db 15 TGTATCGCTACCAAC 1

RESULT 126
US-10-209-787-560
; Sequence 560, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.

; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4

; CURRENT APPLICATION NUMBER: US/10/209,787

; CURRENT FILING DATE: 2002-07-30

; PRIOR APPLICATION NUMBER: US 09/818,875

; PRIOR FILING DATE: 2001-03-27

; PRIOR APPLICATION NUMBER: US 60/192,176

; PRIOR FILING DATE: 2000-03-27

; PRIOR APPLICATION NUMBER: US 60/192,179

; PRIOR FILING DATE: 2000-03-27

; PRIOR APPLICATION NUMBER: US 60/208,538

; PRIOR FILING DATE: 2000-06-01

; PRIOR APPLICATION NUMBER: US 60/244,989

; PRIOR FILING DATE: 2000-10-30

; NUMBER OF SEQ ID NOS: 4385

; SOFTWARE: Friedman macro Napro4

; SEQ ID NO 560

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-209-787-560

Query Match 0.6%; Score 13.4; DB 1; Length 17;

Best Local Similarity 93.3%; Pred. No. 1.1e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 953 TGTATCGCTACCAAC 967

Db 3 TGTATCGCTACCAAC 17

RESULT 127

US-10-261-185-559/c

; Sequence 559, Application US/10261185

; Publication No. US20040014057A1

; GENERAL INFORMATION:

; APPLICANT: Kmiec, Eric B.

; APPLICANT: Gamper, Howard B.

; APPLICANT: Rice, Michael C.

; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single

; FILE REFERENCE: Napro-4CON

; CURRENT APPLICATION NUMBER: US/10/261,185

; CURRENT FILING DATE: 2002-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/09761

; PRIOR FILING DATE: 2001-03-27

; PRIOR APPLICATION NUMBER: US 60/192,176

; PRIOR FILING DATE: 2000-03-27

; PRIOR APPLICATION NUMBER: US 60/192,179

; PRIOR FILING DATE: 2000-03-27

; PRIOR APPLICATION NUMBER: US 60/208,538

; PRIOR FILING DATE: 2000-06-01

; PRIOR APPLICATION NUMBER: US 60/244,989

; PRIOR FILING DATE: 2000-10-30

; NUMBER OF SEQ ID NOS: 4385

; SOFTWARE: Friedman macro Napro4

; SEQ ID NO 559

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-261-185-559

Query Match 0.6%; Score 13.4; DB 1; Length 17;

Best Local Similarity 93.3%; Pred. No. 1.1e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 953 TGTATCGCTACCAAC 967

Db 15 TGTATCGCTACCAAC 1

RESULT 128

US-10-261-185-560

; Sequence 560, Application US/10261185

; Publication No. US20040014057A1

; GENERAL INFORMATION:

; APPLICANT: Kmiec, Eric B.

; APPLICANT: Gamper, Howard B.

; APPLICANT: Rice, Michael C.

; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single

; FILE REFERENCE: Napro-4CON

; CURRENT APPLICATION NUMBER: US/10/261,185

; CURRENT FILING DATE: 2002-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/09761

; PRIOR FILING DATE: 2001-03-27

; PRIOR APPLICATION NUMBER: US 60/192,176

; PRIOR FILING DATE: 2000-03-27

; PRIOR APPLICATION NUMBER: US 60/192,179

; PRIOR FILING DATE: 2000-03-27

; PRIOR APPLICATION NUMBER: US 60/208,538

; PRIOR FILING DATE: 2000-06-01

; PRIOR APPLICATION NUMBER: US 60/244,989

; PRIOR FILING DATE: 2000-10-30

; NUMBER OF SEQ ID NOS: 4385

; SOFTWARE: Friedman macro Napro4

; SEQ ID NO 560

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-261-185-560

Query Match 0.6%; Score 13.4; DB 1; Length 17;

Best Local Similarity 93.3%; Pred. No. 1.1e+02;

Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 953 TGTATCGCTACCAAC 967

Db 3 TGTATCGCTACCAAC 17

RESULT 129

US-09-877-478-1667

; Sequence 1667, Application US/09877478

; Publication No. US20030068301A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Draber, Kenneth

; APPLICANT: Blatt, Larry

; APPLICANT: McSwiggen, Jim

; APPLICANT: Morrissey, Dave

; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication

; FILE REFERENCE: MEH00-845-H (400/029)

; CURRENT APPLICATION NUMBER: US/09/877,478

; CURRENT FILING DATE: 2001-12-31

; PRIOR APPLICATION NUMBER: US 07/882,712

; PRIOR FILING DATE: 1992-05-14

; PRIOR APPLICATION NUMBER: US 09/531,025

; PRIOR FILING DATE: 2000-03-20

; PRIOR APPLICATION NUMBER: US 09/636,385

; PRIOR FILING DATE: 2000-08-09

; PRIOR APPLICATION NUMBER: US 09/696,347

; PRIOR FILING DATE: 2000-10-24

; PRIOR APPLICATION NUMBER: US 08/193,627

; PRIOR FILING DATE: 1994-02-07

; PRIOR APPLICATION NUMBER: US 08/433,993

; PRIOR FILING DATE: 1995-05-04

; PRIOR APPLICATION NUMBER: US 08/434,504

; PRIOR FILING DATE: 1995-05-04

; PRIOR APPLICATION NUMBER: US 09/436,430

; PRIOR FILING DATE: 1999-11-08

; NUMBER OF SEQ ID NOS: 6586

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 1667

; LENGTH: 17

```
; TYPE: RNA
; ORGANISM: Hepatitis B virus
; US-09-877-478-1667

Query Match      0.6%; Score 13.4; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 1.1e+02;
Matches 13; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1297 CCACAGGCTAGAC 1311
Db 2 CCACAGGCTAGAC 16

RESULT 130
US-10-453-792-270/c
; Sequence 270, Application US/10453792
; Publication No. US20040029110A1
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; ROSSAU, RUDI
; MAERTENS, GEERT
; TITLE OF INVENTION: METHOD FOR TYPING AND DETECTING HBV
; NUMBER OF SEQUENCES: 313
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHYE P.C.
; STREET: 1100 NORTH GLEBE ROAD
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: U.S.A.
; ZIP: 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION NUMBER: US/10/453,792
; FILING DATE: 04-Jun-2003
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/155,885A
; FILING DATE: 08-Oct-1998
; APPLICATION NUMBER: PCT/EP97/02002
; FILING DATE: 21-APR-1997
; APPLICATION NUMBER: EP 96870053.4
; FILING DATE: 19-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: SADOFF, B.J.
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 2551-5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 816-4000
; TELEFAX: (703) 816-4100
; INFORMATION FOR SEQ ID NO: 270:
; ' SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 270:

US-10-453-792-270
Query Match      0.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 728 GCCAGGAGAAACAGA 742
Db 18 GCCAGGAGAAACAGA 4

RESULT 132
US-10-453-792-273/c
; Sequence 273, Application US/10453792
; Publication No. US20040029110A1
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; ROSSAU, RUDI
; MAERTENS, GEERT
; TITLE OF INVENTION: METHOD FOR TYPING AND DETECTING HBV
; NUMBER OF SEQUENCES: 313
; CORRESPONDENCE ADDRESS:

US-10-453-792-273/c
Query Match      0.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 728 GCCAGGAGAAACAGA 742
Db 18 GCCAGGAGAAACAGA 4

RESULT 133
US-10-453-792-270/c
; Sequence 270, Application US/10453792
; Publication No. US20040029110A1
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; ROSSAU, RUDI
; MAERTENS, GEERT
; TITLE OF INVENTION: METHOD FOR TYPING AND DETECTING HBV
; NUMBER OF SEQUENCES: 313
; CORRESPONDENCE ADDRESS:
```

ADDRESSEE: NIXON & VANDERHUYE P.C.
STREET: 1100 NORTH GLEBE ROAD
CITY: ARLINGTON
STATE: VIRGINIA
COUNTRY: U.S.A.
ZIP: 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/453,792
FILING DATE: 04-Jun-2003
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/155,885A
FILING DATE: 08-Oct-1998
APPLICATION NUMBER: PCT/EP97/02002
FILING DATE: 21-APR-1997
APPLICATION NUMBER: EP 96870053.4
FILING DATE: 19-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: SADOFF, B.J.
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 2551-5
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 816-4000
TELEFAX: (703) 816-4100
INFORMATION FOR SEQ ID NO: 273:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 273:
US-10-453-792-273

Query Match 0.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 728 GCCAGGAGAAACAGA 742
Db 18 GCCAGGAGAAACGGA 4

RESULT 133
US-10-209-324-32/c
; Sequence 32, Application US/10209324
; Publication No. US20030108910A1
; GENERAL INFORMATION:
; APPLICANT: UNIVERSITY OF CALIFORNIA SAN FRANCISCO
; APPLICANT: TOLAND, Amanda E.
; APPLICANT: BALMAIN, Allan
; TITLE OF INVENTION: STK15 (STK) GENE POLYMORPHISM AND METHODS OF DETERMINING CANCER
; FILE REFERENCE: UCSF1120-2
; CURRENT APPLICATION NUMBER: US/10/209,324
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/334,146
; PRIOR FILING DATE: 2001-11-28
; PRIOR APPLICATION NUMBER: US 60/308,911
; PRIOR FILING DATE: 2001-07-27
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 32
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:

; OTHER INFORMATION: Amplification reaction primer
US-10-209-324-32

Query Match 0.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1093 ACCCCGACCTGGGC 1107
Db 15 ACCCTCACCTGGGC 1

RESULT 134
US-10-108-732-47/c
; Sequence 47, Application US/10108732
; Publication No. US20030175721A1
; GENERAL INFORMATION:
; APPLICANT: Box, Neil F
; APPLICANT: Duffy, David L
; APPLICANT: Hayward, Nicholas K
; APPLICANT: Martin, Nicholas G
; APPLICANT: Sturm, Richard A
; APPLICANT: Gruis, Nelleke A
; APPLICANT: Van Der Velden, Pieter
; APPLICANT: Bergman, Wilma
; APPLICANT: Frants, Rune R
; TITLE OF INVENTION: MELANOMA RISK DETECTION
; FILE REFERENCE: 8795-27U1
; CURRENT APPLICATION NUMBER: US/10/108,732
; CURRENT FILING DATE: 2002-03-28
; PRIOR APPLICATION NUMBER: US 60/279,515
; PRIOR FILING DATE: 2001-03-28
; NUMBER OF SEQ ID NOS: 76
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 47
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: hmsHR C-inner sequencing primer 2
US-10-108-732-47

Query Match 0.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.3e+02;
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1133 TCACCTCAGCTCCA 1147
Db 16 TCACCTCAGCTCCA 2

RESULT 135
US-10-349-143-5085
; Sequence 5085, Application US/10349143
; Publication No. US2004000584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5085


```
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18_bind
; OTHER INFORMATION: upstream amplification primer 99-20747 for SEQ 1151,
US-10-349-143-5085

Query Match          0.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 976 TCCAGCTCTACTCC 990
Db 4 TCCAAACTCTACTCC 18

RESULT 136
US-10-464-158-18
; Sequence 18, Application US/10464158
; Publication No. US20040009599A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF CELLULAR INHIBITOR OF APOPTOSIS-1 EXPRES
; FILE REFERENCE: ISPH-0749
; CURRENT APPLICATION NUMBER: US/10/464,158
; CURRENT FILING DATE: 2003-06-18
; PRIOR APPLICATION NUMBER: 09/857,278
; PRIOR FILING DATE: 2001-09-24
; PRIOR APPLICATION NUMBER: PCT/US99/13624
; PRIOR FILING DATE: 1999-06-16
; PRIOR APPLICATION NUMBER: 09/205,204
; PRIOR FILING DATE: 1998-12-03
; NUMBER OF SEQ ID NOS: 48
; SEQ ID NO 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-464-158-18

Query Match          0.6%; Score 13.4; DB 1; Length 18;
Best Local Similarity 93.3%; Pred. No. 1.3e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 761 ATGCAGGTTTCTTTC 775
Db 4 ATGCAGGCTTCTTTC 18

RESULT 137
US-10-148-687-55
; Sequence 55, Application US/10148687
; Publication No. US20030189836A1
; GENERAL INFORMATION:
; APPLICANT: WINTER, Gerhard
; APPLICANT: SLADE, Martin Basil
; APPLICANT: WILLIAMS, Keith Leslie
; APPLICANT: GOOLEY, Andrew Arthur
; APPLICANT: Macquarie Research Ltd
; TITLE OF INVENTION: Cryptosporidium sporozoite antigens
; FILE REFERENCE: 047763-5019-US
; CURRENT APPLICATION NUMBER: US/10/148,687
; CURRENT FILING DATE: 2002-05-31
; PRIOR APPLICATION NUMBER: PCT/AU00/01492
; PRIOR FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: AU PQ4400
; PRIOR FILING DATE: 1999-12-01
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: PatentIn Ver. 2.1
```

```
; SEQ ID NO 55
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Oligonucleotide primers
US-10-148-687-55
```

```
Query Match          0.6%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 1.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1068 AAGCTTCAGTCCAC 1082
Db 5 AAGCTTCAGTACCAC 19
```

```
RESULT 138
US-10-244-647-598
; Sequence 598, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV) U
; FILE REFERENCE: 400/060 (MBH02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 598
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense r
US-10-244-647-598
```

```
Query Match          0.6%; Score 13.4; DB 1; Length 19;
Best Local Similarity 26.7%; Pred. No. 1.5e+02;
Matches 4; Conservative 10; Mismatches 1; Indels 0; Gaps 0;

QY 909 TTTCTTTGGCTTTG 923
Db 1 UUUUUUUUGUUUG 15
```

```
RESULT 139
US-10-244-647-637
; Sequence 637, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV) U
; FILE REFERENCE: 400/060 (MBH02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
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; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 637
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense
US-10-244-647-637

Query Match          0.6%; Score 13.4; DB 1; Length 19;
Best Local Similarity 26.7%; Pred. No. 1.5e+02;
Matches 4; Conservative 10; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTGGTCTT 921
DB 5 AUUUUUUUUUUUUUU 19

RESULT 140
US-10-244-647-1244/c
; Sequence 1244, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: McSwiggen, David
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; FILE REFERENCE: 400/060 (MBHB02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1244
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-244-647-1244

Query Match          0.6%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 1.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 909 TTTCTTTGGTCTTTG 923
DB 19 TTTCTTTGGTCTTTG 5

RESULT 141
US-10-244-647-1283/c
; Sequence 1283, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
```

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; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; FILE REFERENCE: 400/060 (MBHB02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1283
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-244-647-1283

Query Match          0.6%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 1.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTGGTCTT 921
DB 15 ATTTCTTTGGTCTT 1

RESULT 142
US-10-349-143-7262/c
; Sequence 7262, Application US/10349143
; Publication No. US2004000584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilva
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7262
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1...19
; OTHER INFORMATION: upstream amplification primer 99-3335 for SEQ 3328,
US-10-349-143-7262

Query Match          0.6%; Score 13.4; DB 1; Length 19;
Best Local Similarity 93.3%; Pred. No. 1.5e+02;
Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 862 AAGGGCACTGAGGAC 876
|||||
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Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1006 TCGACACTGAAAGAG 1023
18 TAGACACTGGAACAGAG 1

Db

RESULT 146
US-10-368-643-74
; Sequence 74, Application US/10368643
; Publication No. US20030170708A1
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Sanguinetti, Michael C.
; APPLICANT: Curran, Mark E.
; APPLICANT: Landes, Gregory M.
; APPLICANT: Connors, Timothy D.
; APPLICANT: Burn, Timothy C.
; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: KVLQTL - A LONG QT SYNDROME GENE
; FILE REFERENCE: 2323-163
; CURRENT APPLICATION NUMBER: US/10/368,643
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 09/597,731
; PRIOR FILING DATE: 2000-06-19
; PRIOR APPLICATION NUMBER: US 09/135,010
; PRIOR FILING DATE: 1998-08-17
; PRIOR APPLICATION NUMBER: US 60/094,477
; PRIOR FILING DATE: 1998-07-29
; PRIOR APPLICATION NUMBER: US 08/921,068
; PRIOR FILING DATE: 1997-08-29
; PRIOR APPLICATION NUMBER: US 08/739,383
; PRIOR FILING DATE: 1996-10-29
; PRIOR APPLICATION NUMBER: US 60/019,014
; PRIOR FILING DATE: 1995-12-22
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 74
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-368-643-74

Query Match 0.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1253 CCATCCCCAACCCCTTC 1270
1 CCATCCCCAGCCCATC 18

Db

RESULT 147
US-10-314-657-165
; Sequence 165, Application US/10314657
; Publication No. US2003017588A1
; GENERAL INFORMATION:
; APPLICANT: SHEN, Ben
; APPLICANT: CHENG, Yi-Qiang
; APPLICANT: TANG, Gong-Li
; TITLE OF INVENTION: Discrete Acyltransferases Associated with Type I Polyketide
; Syntheses and Methods of Use
; FILE REFERENCE: 054030-0021
; CURRENT APPLICATION NUMBER: US/10/314,657
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: PCT/US02/08937
; PRIOR FILING DATE: 2002-03-22
; PRIOR APPLICATION NUMBER: US 60/278,935
; PRIOR FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 214
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 165
; LENGTH: 18

; TYPE: DNA
; ORGANISM: Streptomyces atroolivaceus
US-10-314-657-165

Query Match 0.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 872 AGGACTCAGGCACCACAG 889
1 ATGACCCAGGCACCACAG 18

Db

RESULT 148
US-10-423-007-31/c
; Sequence 31, Application US/10423007
; Publication No. US20030180889A1
; GENERAL INFORMATION:
; APPLICANT: OHTOMO, TOSHIHIKO
; APPLICANT: TSUCHIYA, MASAYUKI
; APPLICANT: KOISHIHARA, YASUO
; APPLICANT: KOSAKA, MASAOKI
; TITLE OF INVENTION: GENOMIC GENE ENCODING HM 1.24 ANTIGEN PROTEIN AND
; PROMOTER THEREOF
; FILE REFERENCE: 053466/0285
; CURRENT APPLICATION NUMBER: US/10/423,007
; CURRENT FILING DATE: 2003-04-25
; PRIOR APPLICATION NUMBER: US/09/522,166A
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: PCT/JP99/00884
; PRIOR FILING DATE: 1999-02-25
; PRIOR APPLICATION NUMBER: 10-60617
; PRIOR FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 10-93883
; PRIOR FILING DATE: 1998-03-24
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 31
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-423-007-31

Query Match 0.6%; Score 13.2; DB 1; Length 18;
Best Local Similarity 83.3%; Pred. No. 1.4e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1020 AGAGGGGAGCTTGAAGG 1037
18 AGTGGAGGAGCTTGAGGG 1

Db

RESULT 149
US-10-388-263-26/c
; Sequence 26, Application US/10388263
; Publication No. US20030228597A1
; GENERAL INFORMATION:
; APPLICANT: Cowsert, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeil, John
; APPLICANT: Freier, Susan M.
; APPLICANT: Sasnor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Ohashi, Cara
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
; MODULATION BY OLIGONUCLEOTIDES AND
; GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
; FILE REFERENCE: ISIS-4503

Query Match	Best Local Similarity	Score	DB 1;	Length	18;
Matches 15;	Conservative 0;	Mismatches 3;	Indels 0;	Gaps 0;	
<p>US-10-388-263-221/c</p> <p>Query Match 0.6%; Score 13.2; DB 1; Length 18;</p> <p>Best Local Similarity 83.3%; Pred. No. 1.4e+02;</p> <p>Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;</p>					
QY	1006	TCGACACCTGAAAGAG	1023		
Db	18	TAGACACCTGGAACGAG	1		
<p>RESULT 150</p> <p>US-10-388-263-221/c</p> <p>Sequence 221, Application US/10388263</p> <p>Publication No. US20030228597A1</p> <p>GENERAL INFORMATION:</p> <p>APPLICANT: Cowsert, Lex M.</p> <p>APPLICANT: Baker, Brenda F.</p> <p>APPLICANT: McNeil, John</p> <p>APPLICANT: Freiler, Susan M.</p> <p>APPLICANT: Sasnor, Henri M.</p> <p>APPLICANT: Brooks, Douglas G.</p> <p>APPLICANT: Ohashi, Cara</p> <p>APPLICANT: Wyatt, Jacqueline R.</p> <p>APPLICANT: Borchers, Alexander</p> <p>APPLICANT: Vickers, Timothy A.</p> <p>TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR</p> <p>TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND</p> <p>TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION</p> <p>FILE REFERENCE: ISIS-4503</p> <p>CURRENT APPLICATION NUMBER: US/10/388,263</p> <p>CURRENT FILING DATE: 2003-03-12</p> <p>NUMBER OF SEQ ID NOS: 947</p> <p>SOFTWARE: FastSeq for Windows Version 4.0</p> <p>SEQ ID NO 221</p> <p>TYPE: DNA</p> <p>ORGANISM: Artificial Sequence</p> <p>FEATURE:</p> <p>OTHER INFORMATION: Antisense Oligonucleotide</p> <p>US-10-388-263-221</p>					
Query Match	Best Local Similarity	Score	DB 1;	Length	18;
Matches 15;	Conservative 0;	Mismatches 3;	Indels 0;	Gaps 0;	
<p>US-10-349-143-4110/c</p> <p>Query Match 0.6%; Score 13.2; DB 1; Length 18;</p> <p>Best Local Similarity 83.3%; Pred. No. 1.4e+02;</p> <p>Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;</p>					
QY	1120	CCGAGTTCCACCTTCACC	1137		
Db	18	CTCATTTCCACCTTCACC	1		
<p>RESULT 151</p> <p>US-10-349-143-4110/c</p> <p>Sequence 410, Application US/10349143</p> <p>Publication No. US20040005584A1</p> <p>GENERAL INFORMATION:</p> <p>APPLICANT: Cohen, Daniel</p> <p>APPLICANT: Blumenfeld, Marta</p> <p>APPLICANT: Chumakov, Ilya</p> <p>TITLE OF INVENTION: Biallelic markers for use in constructing a high density...</p> <p>FILE REFERENCE: GENSET.020CPI</p> <p>CURRENT APPLICATION NUMBER: US/10/349,143</p> <p>CURRENT FILING DATE: 2003-01-21</p>					

Query Match	Best Local Similarity	Score	DB 1;	Length	18;
Matches	15;	Conservative	0;	Mismatches	3; Indels 0; Gaps 0;
QY	1006	TCGACACCTGAAAGAG	1023		
Db	18	TAGACACCTGGAACGAG	1		
RESULT 150					
US-10-388-263-221/c					
Sequence 221, Application US/10388263					
Publication No. US20030228597A1					
GENERAL INFORMATION:					
APPLICANT: Cowsert, Lex M.					
APPLICANT: Baker, Brenda F.					
APPLICANT: McNeil, John					
APPLICANT: Freiler, Susan M.					
APPLICANT: Sasnor, Henri M.					
APPLICANT: Brooks, Douglas G.					
APPLICANT: Ohashi, Cara					
APPLICANT: Wyatt, Jacqueline R.					
APPLICANT: Borchers, Alexander					
APPLICANT: Vickers, Timothy A.					
TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR					
TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND					
TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION					
FILE REFERENCE: ISIS-4503					
CURRENT APPLICATION NUMBER: US/10/388,263					
CURRENT FILING DATE: 2003-03-12					
NUMBER OF SEQ ID NOS: 947					
SOFTWARE: FastSeq for Windows Version 4.0					
SEQ ID NO 221					
TYPE: DNA					
ORGANISM: Artificial Sequence					
OTHER INFORMATION: Antisense Oligonucleotide					
US-10-388-263-221					
Query Match	0.6%;	Score 13.2;	DB 1;	Length 18;	
Best Local Similarity	83.3%;	Pred. No. 1.4e+02;			
Matches	15;	Conservative	0;	Mismatches	3; Indels 0; Gaps 0;
QY	1120	CCGAGTTCCACCTTCACC	1137		
Db	18	CTCATTTCCACCTTCACC	1		
RESULT 151					
US-10-349-143-4110/c					
Sequence 4110, Application US/10349143					
Publication No. US20040005584A1					
GENERAL INFORMATION:					
APPLICANT: Cohen, Daniel					
APPLICANT: Blumenfeld, Marta					
APPLICANT: Chumakov, Ilya					
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...					
FILE REFERENCE: GENSET.020CPI					
CURRENT APPLICATION NUMBER: US/10/349,143					
CURRENT FILING DATE: 2003-01-21					

Query Match	Best Local Similarity	Score	DB 1;	Length	18;
Matches	15;	Conservative	0;	Mismatches	3; Indels 0; Gaps 0;
<p>US-10-388-263-221/c</p> <p>Query Match 0.6%; Score 13.2; DB 1; Length 18;</p> <p>Best Local Similarity 83.3%; Pred. No. 1.4e+02;</p> <p>Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;</p>					
QY	1006	TCGACACCTGAAAGAG	1023		
Db	18	TAGACACCTGGAACGAG	1		
<p>RESULT 150</p> <p>US-10-388-263-221/c</p> <p>; Sequence 221, Application US/10388263</p> <p>; Publication No. US20030228597A1</p> <p>; GENERAL INFORMATION:</p> <p>; APPLICANT: Cowsert, Lex M.</p> <p>; APPLICANT: Baker, Brenda F.</p> <p>; APPLICANT: McNeil, John</p> <p>; APPLICANT: Freiler, Susan M.</p> <p>; APPLICANT: Sasnor, Henri M.</p> <p>; APPLICANT: Brooks, Douglas G.</p> <p>; APPLICANT: Ohashi, Cara</p> <p>; APPLICANT: Wyatt, Jacqueline R.</p> <p>; APPLICANT: Borchers, Alexander</p> <p>; APPLICANT: Vickers, Timothy A.</p> <p>; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR</p> <p>; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND</p> <p>; FILE REFERENCE: IS18-4503</p> <p>; CURRENT APPLICATION NUMBER: US/10/388,263</p> <p>; CURRENT FILING DATE: 2003-03-12</p> <p>; NUMBER OF SEQ ID NOS: 947</p> <p>; SOFTWARE: FastSeq for Windows Version 4.0</p> <p>; SEQ ID NO 221</p> <p>; TYPE: DNA</p> <p>; ORGANISM: Artificial Sequence</p> <p>; FEATURE:</p> <p>; OTHER INFORMATION: Antisense Oligonucleotide</p> <p>US-10-388-263-221</p>					
Query Match	Best Local Similarity	Score	DB 1;	Length	18;
Matches	15;	Conservative	0;	Mismatches	3; Indels 0; Gaps 0;
<p>US-10-349-143-4110/c</p> <p>Query Match 0.6%; Score 13.2; DB 1; Length 18;</p> <p>Best Local Similarity 83.3%; Pred. No. 1.4e+02;</p> <p>Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;</p>					
QY	1120	CCGAGTTCCACCTTCACC	1137		
Db	18	CTCTATTCCACCTTCACC	1		
<p>RESULT 151</p> <p>US-10-349-143-4110/c</p> <p>; Sequence 4110, Application US/10349143</p> <p>; Publication No. US20040005584A1</p> <p>; GENERAL INFORMATION:</p> <p>; APPLICANT: Cohen, Daniel</p> <p>; APPLICANT: Blumenfeld, Marta</p> <p>; APPLICANT: Chumakov, Ilya</p> <p>; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...</p> <p>; FILE REFERENCE: GENSET.020CPI</p> <p>; CURRENT APPLICATION NUMBER: US/10/349,143</p> <p>; CURRENT FILING DATE: 2003-01-21</p>					
Query Match	Best Local Similarity	Score	DB 1;	Length	18;
Matches	15;	Conservative	0;	Mismatches	3; Indels 0; Gaps 0;
<p>US-10-349-143-4877/c</p> <p>Query Match 0.6%; Score 13.2; DB 1; Length 18;</p> <p>Best Local Similarity 83.3%; Pred. No. 1.4e+02;</p> <p>Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;</p>					
QY	813	GAAAAGCCTGAGTGCAC	830		
Db	18	GAAAAGCCTCAACTGCAC	1		
<p>RESULT 152</p> <p>US-10-349-143-4877/c</p> <p>; Sequence 4877, Application US/10349143</p> <p>; Publication No. US20040005584A1</p> <p>; GENERAL INFORMATION:</p> <p>; APPLICANT: Cohen, Daniel</p> <p>; APPLICANT: Blumenfeld, Marta</p> <p>; APPLICANT: Chumakov, Ilya</p> <p>; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...</p> <p>; FILE REFERENCE: GENSET.020CPI</p> <p>; CURRENT APPLICATION NUMBER: US/10/349,143</p> <p>; CURRENT FILING DATE: 2003-01-21</p> <p>; NUMBER OF SEQ ID NOS: 11796</p> <p>; SOFTWARE: FastSeq for Windows Version 4.0</p> <p>; SEQ ID NO 4877</p> <p>; TYPE: DNA</p> <p>; ORGANISM: Homo Sapiens</p> <p>; FEATURE:</p> <p>; NAME/KEY: primer_bind</p> <p>; LOCATION: 1..18</p> <p>; OTHER INFORMATION: upstream amplification primer 99-18386 for SEQ 943,</p> <p>US-10-349-143-4877</p>					
Query Match	Best Local Similarity	Score	DB 1;	Length	18;
Matches	15;	Conservative	0;	Mismatches	3; Indels 0; Gaps 0;
<p>US-10-349-143-4110</p> <p>Query Match 0.6%; Score 13.2; DB 1; Length 18;</p> <p>Best Local Similarity 83.3%; Pred. No. 1.4e+02;</p> <p>Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;</p>					
QY	1130	CCTTCACCTCCAGCTCCA	1147		
Db	18	CTTTACCTCCACCTCCA	1		
<p>RESULT 153</p> <p>US-09-949-427-355/c</p> <p>; Sequence 355, Application US/09949427</p> <p>; Publication No. US20030054418A1</p> <p>; GENERAL INFORMATION:</p>					

APPLICANT: Bodnar, Jackie S.
APPLICANT: Castellani, Lawrence W.
APPLICANT: Chatterjee, Aurobindo
APPLICANT: de Jong, Pieter
APPLICANT: Lusia, Aldons J.
APPLICANT: Ohmen, Jeff
APPLICANT: Ross, David
APPLICANT: Tafari, Sherrie
APPLICANT: Wu, Chenyan
TITLE OF INVENTION: Gene and Sequence Variation Associated with Cancer
FILE REFERENCE: 02810.0014, NPU02
CURRENT APPLICATION NUMBER: US/09/949,427
CURRENT FILING DATE: 2001-09-07
PRIOR APPLICATION NUMBER: 60/231,322
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 405
SOFTWARE: PatentIn version 3.1
SEQ ID NO 355
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Primer
US-09-949-427-355

Query Match 0.6%; Score 13.2; DB 1; Length 21;
Best Local Similarity 83.3%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 36 GGAGCCTCAGTCCAGAGA 53
DB 20 GGAGCCTGAGTCTCAGA 3

RESULT 154
US-10-440-850-309/c
Sequence 309, Application US/10440850
Publication No. US20030207837A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Stinchcomb, Dan
APPLICANT: Jarvis, Thale
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Method and Reagent for the Induction of Graft Tolerance and Reversal
FILE REFERENCE: 250/130 (MBHB00-900-A)
CURRENT APPLICATION NUMBER: US/10/440,850
CURRENT FILING DATE: 2003-05-19
PRIOR APPLICATION NUMBER: US/09/650,012
PRIOR FILING DATE: 2000-08-28
PRIOR APPLICATION NUMBER: US 08/585,684
PRIOR FILING DATE: 1996-01-12
PRIOR APPLICATION NUMBER: US 60/000,951
PRIOR FILING DATE: 1995-07-07
PRIOR APPLICATION NUMBER: US 09/038,073
PRIOR FILING DATE: 1998-03-11
NUMBER OF SEQ ID NOS: 2285
SOFTWARE: PatentIn version 3.0
SEQ ID NO 309
LENGTH: 15
TYPE: RNA
ORGANISM: Mus musculus
US-10-440-850-309

Query Match 0.6%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 97;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1011 ACCTGAAAAGAG 1023
DB 14 ACCTGAAAAGAG 2

RESULT 155
US-10-440-850-310/c
Sequence 310, Application US/10440850
Publication No. US20030207837A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Stinchcomb, Dan
APPLICANT: Jarvis, Thale
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Method and Reagent for the Induction of Graft Tolerance and Reversal
FILE REFERENCE: 250/130 (MBHB00-900-A)
CURRENT APPLICATION NUMBER: US/10/440,850
CURRENT FILING DATE: 2003-05-19
PRIOR APPLICATION NUMBER: US/09/650,012
PRIOR FILING DATE: 2000-08-28
PRIOR APPLICATION NUMBER: US 08/585,684
PRIOR FILING DATE: 1996-01-12
PRIOR APPLICATION NUMBER: US 60/000,951
PRIOR FILING DATE: 1995-07-07
PRIOR APPLICATION NUMBER: US 09/038,073
PRIOR FILING DATE: 1998-03-11
NUMBER OF SEQ ID NOS: 2285
SOFTWARE: PatentIn version 3.0
SEQ ID NO 310
LENGTH: 15
TYPE: RNA
ORGANISM: Mus musculus
US-10-440-850-310

Query Match 0.6%; Score 13; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 97;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1011 ACCTGAAAAGAG 1023
DB 13 ACCTGAAAAGAG 1

RESULT 156
US-09-780-533A-2378/c
Sequence 2378, Application US/09780533A
Publication No. US20030060611A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: Chowrira, Bharat
APPLICANT: Haerberli, Pete
TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
FILE REFERENCE: MBHB00,878-A (400/011)
CURRENT APPLICATION NUMBER: US/09/780,533A
CURRENT FILING DATE: 2001-02-09
PRIOR APPLICATION NUMBER: US 60/181,797
PRIOR FILING DATE: 2000-02-11
NUMBER OF SEQ ID NOS: 6679
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2378
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-780-533A-2378

Query Match 0.6%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1134 CACCTCCAGCTCC 1146
DB 14 CACCTCCAGCTCC 2

RESULT 157

US-10-060-830-207
; Sequence 207, Application US/10060830
; Publication No. US20030032154A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Nguyen, Cung-Tuong
; TITLE OF INVENTION: HUMAN LCCL DOMAIN CONTAINING PROTEIN
; FILE REFERENCE: PB0169
; CURRENT APPLICATION NUMBER: US/10/060,830
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/325,062
; PRIOR FILING DATE: 2001-09-25
; NUMBER OF SEQ ID NOS: 1123
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 207
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-830-207

Query Match 0.6%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 882 CACCACAGTGCTG 894
Db 2 CACCACAGTGCTG 14
|||||
RESULT 158
US-10-060-830-208
; Sequence 208, Application US/10060830
; Publication No. US20030032154A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Nguyen, Cung-Tuong
; TITLE OF INVENTION: HUMAN LCCL DOMAIN CONTAINING PROTEIN
; FILE REFERENCE: PB0169
; CURRENT APPLICATION NUMBER: US/10/060,830
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/325,062
; PRIOR FILING DATE: 2001-09-25
; NUMBER OF SEQ ID NOS: 1123
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 208

; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-830-208
Query Match 0.6%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 882 CACCACAGTGCTG 894
Db 1 CACCACAGTGCTG 13
|||||
RESULT 159
US-10-339-782-110
; Sequence 110, Application US/10339782
; Publication No. US20030166026A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: Goodman, Benjamin J
; APPLICANT: Bowen, Benjamin A
; TITLE OF INVENTION: Identification of Specific Biomarkers for Breast Cancer Cells
; FILE REFERENCE: 37-000110US
; CURRENT APPLICATION NUMBER: US/10/339,782
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 495
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 110
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-339-782-110

Query Match 0.6%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1255 ATCCCCAACCCCC 1267
Db 2 ATCCCCAACCCCC 14
|||||
RESULT 160
US-10-210-130-362
; Sequence 362, Application US/10210130
; Publication No. US20040014053A1
; GENERAL INFORMATION:
; APPLICANT: Zehrusen, Bryan D.
; APPLICANT: Patturajan, Meera
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Miller, Charles E.
; APPLICANT: Rieger, Daniel K.
; APPLICANT: Pena, Carol E.A.
; APPLICANT: Shimkets, Richard A.
; APPLICANT: Li, Li
; APPLICANT: Berghs, Constance
; APPLICANT: Zhong, Mei
; APPLICANT: Casman, Stacie J.
; APPLICANT: Voss, Edward Z.
; APPLICANT: Boldog, Ferenc L.
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Smithson, Glenna
; APPLICANT: Ji, Weizhen
; APPLICANT: Gorman, Linda
; APPLICANT: Vernet, Corine A.M.
; APPLICANT: Leite, Mario W.
; APPLICANT: Guo, Xiaojia Sasha
; APPLICANT: Anderson, David W.
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: Gerlach, Valerie
; APPLICANT: Burgess, Catherine E.
; APPLICANT: Khrantsov, Nikolai V.

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Tue Mar 2 06:29:59 2004

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; APPLICANT: Ort, Tatiana
; APPLICANT: Ellerman, Karen
; APPLICANT: Rastelli, Luca
; APPLICANT: Agee, Michele L.
; APPLICANT: Chaudhuri, Amitabha
; APPLICANT: Chant, John S.
; APPLICANT: DiPippo, Vincent A.
; APPLICANT: Edinger, Shlomit R.
; APPLICANT: Eisen, Andrew J.
; APPLICANT: Gangolli, Esha A.
; APPLICANT: Giot, Iolc
; APPLICANT: Ooi, Chean Eng
; APPLICANT: Rothenberg, Mark E.
; APPLICANT: Spaderna, Steven K.
; APPLICANT: Hjal, Tord
; APPLICANT: Liu, Xiaohong
; APPLICANT: Taupier, Raymond J., Jr.
; APPLICANT: Catterton, Elina
; APPLICANT: Shenoy, Suresh G.
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-416C (Cura-716 SMT)
; CURRENT APPLICATION NUMBER: US/10/210,130
; CURRENT FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: 60/309,501
; PRIOR FILING DATE: 2001-08-02
; PRIOR APPLICATION NUMBER: 60/316,508
; PRIOR FILING DATE: 2001-08-31
; PRIOR APPLICATION NUMBER: 60/354,655
; PRIOR FILING DATE: 2002-02-05
; PRIOR APPLICATION NUMBER: 60/310,291
; PRIOR FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: 60/383,887
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: 60/310,951
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/323,936
; PRIOR FILING DATE: 2001-09-21
; PRIOR APPLICATION NUMBER: 60/381,039
; PRIOR FILING DATE: 2002-05-16
; PRIOR APPLICATION NUMBER: 60/311,292
; PRIOR FILING DATE: 2001-08-09
; PRIOR APPLICATION NUMBER: 60/311,979
; PRIOR FILING DATE: 2001-08-13
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 369
; SOFTWARE: CuraSeqdist version 0.1
; SEQ ID NO 362
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-210-130-362

Query Match          0.6%; Score 13; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 1.4e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1134 CACCTCCAGCTCC 1146
DB 2 CACCTCCAGCTCC 14

RESULT 161
US-10-065-133A-73
; Sequence 73, Application US/10065133A
; Publication No. US20030199074A1
; GENERAL INFORMATION:
; APPLICANT: Dowling, Patricia W.
; APPLICANT: Youngner, Julius S.
; TITLE OF INVENTION: COLD-ADAPTED EQUINE INFLUENZA VIRUSES
; FILE REFERENCE: EQ-1-C2-1
; CURRENT APPLICATION NUMBER: US/10/065,133A

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; CURRENT FILING DATE: 2002-12-10
; PRIOR APPLICATION NUMBER: PCT/US99/18583
; PRIOR FILING DATE: 1999-08-12
; PRIOR APPLICATION NUMBER: 09/133,921
; PRIOR FILING DATE: 1998-08-13
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 73
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-10-065-133A-73

Query Match          0.6%; Score 13; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.6e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 868 ACTGAGGACTCAG 880
DB 2 ACTGAGGACTCAG 14

RESULT 162
US-09-868-108-970
; Sequence 970, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 970

```


RESULT 165
US-09-730-857-79
; Sequence 79, Application US/09730857
; Patent No. US20020082296A1
; GENERAL INFORMATION:
; APPLICANT: Matsushima, Kouji

Matsumoto, Yoshihiro
Yanada, Yoshiki
Sato, Koh
Teuchiya, Masayuki
Yamazaki, Tatsumi
TITLE OF INVENTION: Reshaped Human Antibody to Interleukin-8
NUMBER OF SEQUENCES: 105
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FORSTER
STREET: 2000 Pennsylvania Avenue, NW, suite 5500
CITY: Washington
STATE: DC
COUNTRY: USA
ZIP: 20006-1888
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/730,857
FILING DATE: 07-Dec-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/416,557
FILING DATE: 1999-10-12
ATTORNEY/AGENT INFORMATION:
NAME: Murashige, Kate H
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 35029-20001.10
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-887-1500
TELEFAX: 202-822-0168
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 79:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
FEATURE:
NAME/KEY: Other
LOCATION: 1...17
OTHER INFORMATION: HIP sequence
SEQUENCE DESCRIPTION: SEQ ID NO: 79:
US-09-730-857-79
Query Match
Best Local Similarity 0.6%; Score 12.8; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1057 GCCCAACCCCAAGCT 1072
DB 1 GCCCAACCCCAAGT 16
RESULT 166
US-09-864-785-75
Sequence 75, Application US/09864785
Patent No. US20020177568A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Stinchcomb, Dan
APPLICANT: Draper, Ken
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to HIV
TITLE OF INVENTION: Levels of NF-kappa B
FILE REFERENCE: 400/022 (MBH00-812-D)
CURRENT APPLICATION NUMBER: US/09/864,785
CURRENT FILING DATE: 2001-05-23
NUMBER OF SEQ ID NOS: 3929
SOFTWARE: PatentIn version 3.0

SEQ ID NO 75
LENGTH: 17
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-75
Query Match
Best Local Similarity 0.6%; Score 12.8; DB 1; Length 17;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
QY 1085 CAGGCTTCACCCAC 1100
DB 1 CCGGCCUCACCCAC 16
RESULT 167
US-09-864-785-390
Sequence 390, Application US/09864785
Patent No. US20020177568A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Stinchcomb, Dan
APPLICANT: Draper, Ken
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to HIV
TITLE OF INVENTION: Levels of NF-kappa B
FILE REFERENCE: 400/022 (MBH00-812-D)
CURRENT APPLICATION NUMBER: US/09/864,785
CURRENT FILING DATE: 2001-05-23
NUMBER OF SEQ ID NOS: 3929
SOFTWARE: PatentIn version 3.0
SEQ ID NO 390
LENGTH: 17
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-390
Query Match
Best Local Similarity 0.6%; Score 12.8; DB 1; Length 17;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;
QY 1053 CTTGGCCCAACCCA 1068
DB 2 CCUGCCCAAGCCA 17
RESULT 168
US-09-864-785-391
Sequence 391, Application US/09864785
Patent No. US20020177568A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Stinchcomb, Dan
APPLICANT: Draper, Ken
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to HIV
TITLE OF INVENTION: Levels of NF-kappa B
FILE REFERENCE: 400/022 (MBH00-812-D)
CURRENT APPLICATION NUMBER: US/09/864,785
CURRENT FILING DATE: 2001-05-23
NUMBER OF SEQ ID NOS: 3929
SOFTWARE: PatentIn version 3.0
SEQ ID NO 391
LENGTH: 17
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-391

```
Query Match          0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.6e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1053 CCTGGCCCCCAACCCA 1068
DB 1 CCUGCCCCCAAGCCCA 16

RESULT 169
US-09-864-785-582
; Sequence 582, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: 400/022 (MBH00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 582
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-582

Query Match          0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.6e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1251 CCCATCCCCCAACCCC 1266
DB 2 CCCCAUCCCAUCCUC 17

RESULT 170
US-09-864-785-584
; Sequence 584, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: 400/022 (MBH00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 584
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-584

Query Match          0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 81.2%; Pred. No. 1.6e+02;
Matches 13; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1252 CCCATCCCCCAACCCC 1267
DB 2 CCCCAUCCCAUCCUC 17
```

```
DB 1 CCCCAUCCCAUCCUC 16

RESULT 171
US-09-864-785-2109/c
; Sequence 2109, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: 400/022 (MBH00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2109
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-2109

Query Match          0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1105 GGCCTTCAGTCCCGTGC 1120
DB 1 17 GGCCTTCAGTCCCGTGC 2

RESULT 172
US-09-825-805-677/c
; Sequence 677, Application US/09825805
; Publication No. US20030004122A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
; FILE REFERENCE: MBH00-831-F (400/009)
; CURRENT APPLICATION NUMBER: US/09/825,805
; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: 09/578,223
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 09/476,387
; PRIOR FILING DATE: 1999-12-30
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1558
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 677
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-825-805-677
```

```
Query Match      0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1110 CAGTCCCGTCCCGAGT 1125
    ||||| ||||| |||||
Db 16 CAGTCCACTGCCAGT 1

RESULT 173
US-09-825-805-680/c
; Sequence 680, Application US/09825805
; Publication No. US20030004122A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
; FILE REFERENCE: MHB00-831-F (400/009)
; CURRENT APPLICATION NUMBER: US/09/825,805
; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: 09/578,223
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 09/476,387
; PRIOR FILING DATE: 1999-12-30
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1558
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 680
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-825-805-680

Query Match      0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 739 CAGAACCCGTGTGCA 754
    ||| ||||| |||||
Db 16 CAGGCGACCGTGTGCA 1

RESULT 174
US-09-269-921-72
; Sequence 72, Application US/09269921
; Publication No. US20030045691A1
; GENERAL INFORMATION:
; APPLICANT: Ono, Koichiro
; APPLICANT: Ohtomo, Toshihiko
; APPLICANT: Tsuchiya, Masayuki
; APPLICANT: Yoshimura, Yasuo
; APPLICANT: Koishihara, Yasuo
; TITLE OF INVENTION: RESHAPED HUMAN ANTI-HM 1.24 ANTIBODY
; FILE REFERENCE: 35029-20007.00
; CURRENT APPLICATION NUMBER: US/09/269,921
; CURRENT FILING DATE: 1999-04-01
; EARLIER APPLICATION NUMBER: PCT/JP97/03553
; EARLIER FILING DATE: 1997-10-03
```

```
; EARLIER APPLICATION NUMBER: JP 8-264756
; EARLIER FILING DATE: 1996-10-04
; NUMBER OF SEQ ID NOS: 137
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 72
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-269-921-72

Query Match      0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1057 GCCCAAAGCCAGCT 1072
    ||||| ||||| |||||
Db 1 GCCCAAAGCCAGCT 16

RESULT 175
US-09-730-289B-971
; Sequence 971, Application US/09730289B
; Publication No. US20030050259A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for Treatment of Cardiac Disease
; FILE REFERENCE: MHB00-864-A (400/006)
; CURRENT APPLICATION NUMBER: US/09/730,289B
; CURRENT FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: US 60/169,100
; PRIOR FILING DATE: 1999-12-06
; NUMBER OF SEQ ID NOS: 3897
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 971
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-730-289B-971

Query Match      0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 56.2%; Pred. No. 1.6e+02;
Matches 9; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 799 TGTAGTAAGTGTGCA 814
    :||:|:|:|:|:|:|:|:|
Db 2 UGUAGUACUACAGCA 17

RESULT 176
US-09-818-875-2566/c
; Sequence 2566, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kniec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: NADro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
```

; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2566
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-2566

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1224 CATCCTTGCGACAGCC 1239
Db 17 CATCCTTGCAACTGCC 2

RESULT 177

US-09-818-875-2567
; Sequence 2567, Application US/09818875
; Publication No. US20030051270A1

GENERAL INFORMATION:

; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875

; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2567
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-2567

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1224 CATCCTTGCGACAGCC 1239
Db 1 CATCCTTGCAACTGCC 16

RESULT 178

US-09-818-875-2570/c
; Sequence 2570, Application US/09818875
; Publication No. US20030051270A1

GENERAL INFORMATION:

; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875

; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2570
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-2570

; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2570
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-2570

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1224 CATCCTTGCGACAGCC 1239
Db 17 CATCCTTGCAACTGCC 2

RESULT 179

US-09-818-875-2571
; Sequence 2571, Application US/09818875
; Publication No. US20030051270A1

GENERAL INFORMATION:

; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875

; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2571
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-2571

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1224 CATCCTTGCGACAGCC 1239
Db 1 CATCCTTGCAACTGCC 16

RESULT 180

US-09-818-875-2574/c
; Sequence 2574, Application US/09818875
; Publication No. US20030051270A1

GENERAL INFORMATION:

; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2574
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-2574


```
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 262
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-262

Query Match          0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 1.6e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 1024 GGGGAGCTTGAAGGAA 1039
Db 1 GAGGAUCUUGAAGGAA 16

RESULT 185
US-09-848-754A-927/c
; Sequence 927, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 927
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-927

Query Match          0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 858 TGTTAAGGCACTGAG 873
Db 16 TGTTAGGGCAATGAT 1

RESULT 186
US-09-848-754A-1359
; Sequence 1359, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1359
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-1359

Query Match          0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 75.0%; Pred. No. 1.6e+02;
Matches 12; Conservative 2; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 1024 GGGGAGCTTGAAGGAA 1039
Db 2 GAGGAUCUUGAAGGAA 17

RESULT 187
US-09-848-754A-3090/c
; Sequence 3090, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3090
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-3090

Query Match          0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1177 GCGGCTCCCGCAGAG 1192
Db 17 GCTGCTCCCGAAGAG 2

RESULT 188
US-09-848-754A-3091/c
; Sequence 3091, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MBH00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3091
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-3091

Query Match          0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1177 GCGGCTCCCGCAGAG 1192
Db 16 GCTGCTCCCGAAGAG 1

RESULT 189
US-09-509-098-94
; Sequence 94, Application US/09509098
; Publication No. US20030103970A1
; GENERAL INFORMATION:
; APPLICANT: TSUCHIWA, MASAYUKI
; TITLE OF INVENTION: NATURAL HUMANIZED ANTIBODY
; FILE REFERENCE: 053466/0274
; CURRENT APPLICATION NUMBER: US/09/509,098
; CURRENT FILING DATE: 2000-03-22
; PRIOR APPLICATION NUMBER: PCT/JP98/04469
```

Query Match
0.6%; Score 12.8; DB 1; Length 17;


```
Best Local Similarity 87.5%; Pred. No. 1.6e+02; Mismatches 2; Indels 0; Gaps 0;
Matches 14; Conservative 0;

QY 1086 AGGCTTCACCCACC 1101
    ||||| ||||| |||||
Db 17 AGGCTCCACCCACC 2

RESULT 194
US-09-817-879-2772/c
; Sequence 3289, Application US/09817879
; Publication No. US2003017131A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: MBH00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2772
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-2772

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1117 GTGCCCAGTCCACCT 1132
    ||||| ||||| |||||
Db 16 GTGCCCATGTCACCT 1

RESULT 195
US-09-817-879-3289/c
; Sequence 3289, Application US/09817879
; Publication No. US2003017131A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: MBH00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3289
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-3289

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1086 AGGCTTCACCCACC 1101
    ||||| ||||| |||||
Db 17 AGGCTCCACCCACC 2

RESULT 196
US-09-817-879-756A-910/c
; Sequence 910, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 910
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-910

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 749 TGTGCACCTGCCATGC 764
```

```
US-10-059-828-1
; Sequence 1, Application US/10059828
; Publication No. US20020165188A1
; GENERAL INFORMATION:
; APPLICANT: Herlyn, Meenhard
; APPLICANT: Satyamoorthy, Kapaettu
; TITLE OF INVENTION: Methods for Inhibition of Tumorigenic
; TITLE OF INVENTION: Properties of Melanoma Cells
; FILE REFERENCE: WSTR-0008
; CURRENT APPLICATION NUMBER: US/10/059,828
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: 09/686,257
; PRIOR FILING DATE: 2000-10-11
; PRIOR APPLICATION NUMBER: 60/159,353
; PRIOR FILING DATE: 1999-10-14
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-059-828-1
```

```
Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 1251 CCCATCCCCAACCCC 1266
    ||||| ||||| |||||
Db 2 CCCATCGCATCCCC 17
```

```
RESULT 197
US-10-060-756A-910/c
; Sequence 910, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 910
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-910
```

```
Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 749 TGTGCACCTGCCATGC 764
```

Tue Mar 2 06:29:59 2004

17 TGTTCACCTGCCAGGC 2

RESULT 198

```

US-10-060-756A-911/c
; Sequence 911, Application US/10060756A
; Publication NO. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006657
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 911
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-911

```

```

Query Match          0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

Qy 749 TGTGCACCTGCCATGC 764
||| ||| ||| ||| ||| ||| ||| |||
nb 16 TGTTCACCTGCCAGGC 1

RESULT 199

```

RES001 139
US-10-060-756A-1254/c
; Sequence 1254, Application US/10060756A
; Publication NO. US20030046717A1
;
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIORITY APPLICATION NUMBER: PCT/US01/006667
; PRIORITY FILING DATE: 2001-01-30
; PRIORITY APPLICATION NUMBER: PCT/US01/006664
; PRIORITY FILING DATE: 2001-01-30
; PRIORITY APPLICATION NUMBER: PCT/US01/006669
; PRIORITY FILING DATE: 2001-01-30
; PRIORITY APPLICATION NUMBER: PCT/US01/006665
; PRIORITY FILING DATE: 2001-01-30
; PRIORITY APPLICATION NUMBER: PCT/US01/006668
; PRIORITY FILING DATE: 2001-01-30
; PRIORITY APPLICATION NUMBER: PCT/US01/006663
; PRIORITY FILING DATE: 2001-01-30
; PRIORITY APPLICATION NUMBER: US 09/8664,761
; PRIORITY FILING DATE: 2001-05-23
; PRIORITY APPLICATION NUMBER: US 60/327,898
; PRIORITY FILING DATE: 2001-10-09

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```
; NUMBER CF SEQ ID NOS: 4804
; SOFTWARE: Aeonica Sequence Listing Engine
; SEQ ID NO 1254
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-1254
```

Query Match	0.6%;	Score 12.8;	DB 1;	Length 17;
Best Local Similarity	87.5%;	Pred. NO. 1.6e+02;		
Matches	14.	Conservative	0;	Mismatches 2;
				Indels

QY
727 TGC CAGG AAG AAC AGA 742

Dh
17 TGC CAGGT GAA ACACA 2

RESULT 200

```

1  RESULT 200
2  US-10-060-756A-1255/C
3  ; Sequence 1255, Application US/10060756A
4  ; Publication No. US20030046717A1
5  ; GENERAL INFORMATION:
6  ; APPLICANT: Zhang, Jian
7  ; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
8  ; FILE REFERENCE: P80177
9  ; CURRENT APPLICATION NUMBER: US/10/060,756A
10 ; CURRENT FILING DATE: 2002-01-30
11 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
12 ; PRIOR FILING DATE: 2001-01-30
13 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
14 ; PRIOR FILING DATE: 2001-01-30
15 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
16 ; PRIOR FILING DATE: 2001-01-30
17 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
18 ; PRIOR FILING DATE: 2001-01-30
19 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
20 ; PRIOR FILING DATE: 2001-01-30
21 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
22 ; PRIOR FILING DATE: 2001-01-30
23 ; PRIOR APPLICATION NUMBER: US 09/864,761
24 ; PRIOR FILING DATE: 2001-05-23
25 ; PRIOR APPLICATION NUMBER: US 60/327,898
26 ; PRIOR FILING DATE: 2001-10-09
27 ; NUMBER OF SEQ ID NOS: 4804
28 ; SOFTWARE: Aecomica Sequence Listing Engine
29 ; SEQ ID NO 1255
30 ; LENGTH: 17

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```
; TYPE: DNA
; ORGANISM: Homo sapiens
U15-10-060..756A-1255
```

Query Match	0.6%	Score 12.8;	DB 1;	Length 17;
Best Local Similarity	87.5%;	Pred. No. 1.6e+02;		
Matches 1A. Conservative	0.1;	Mismatches 2;	Indels 0;	Gaps 0;

Qy 727 TGCCAGGAGAAACAGA 742
| | | | | | | | | |
nb 16 TGCCAGGTGAAACACA 1

REF ID: A61158

RESULT 201
 US-10-060-756A-4341/c
 ; Sequence 4341, Application US/10060756A
 ; Publication No. US20030046717A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Zhang, Jian
 ; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
 ; FILE REFERENCE: PB0177
 ; CURRENT APPLICATION NUMBER: US/10/060,756A
 ; CURRENT FILING DATE: 2002-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 4341
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-060-756A-4341

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 914 TTGGTCTTTGCCCTTT 929
Db 17 TTGGTCTTTGACTTGT 2

RESULT 202
US-10-060-756A-4342/c
; Sequence 4342, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 4342
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-060-756A-4342

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 914 TTGGTCTTTGCCCTTT 929
Db 16 TTGGTCTTTGACTTGT 1

RESULT 203
US-10-096-125-1/c
; Sequence 1, Application US/10096125
; Publication No. US20030077608A1
; GENERAL INFORMATION:
; APPLICANT: Coull, James M.
; APPLICANT: Flandaca, Mark J.
; APPLICANT: Kristjansson, Mark D.
; APPLICANT: Hyldig-Nielsen, Jens J.
; APPLICANT: Creasey, Theresa S.
; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To
; TITLE OF INVENTION: Combination Oligomers And Libraries For Their
; TITLE OF INVENTION: Preparation
; FILE REFERENCE: BP0102-US
; CURRENT APPLICATION NUMBER: US/10/096,125
; CURRENT FILING DATE: 2002-03-09
; PRIOR APPLICATION NUMBER: 60/274,547
; PRIOR FILING DATE: 2001-03-09
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Oligonucleotide Primer
; US-10-096-125-1

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1136 COTCCAGCTCCACCTA 1151
Db 16 CCACCAGCTCCACCTA 1

RESULT 204
US-10-060-998-52
; Sequence 52, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 52
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-060-998-52

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 764 CAGGTTTCTTTCTAAG 779
Db 2 CAGGTTTCTTTCTAAG 17

RESULT 205
US-10-060-998-53

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schultz451-1.rnpb

Tue Mar 2 06:29:59 2004

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; Sequence 53, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 53
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-998-53

Query Match      0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 764 CAGGTTTCTTTCTAAG 779
Db 1 CAGGTTTCTTTCTAAG 16

RESULT 206
US-10-163-552-365/c
; Sequence 365, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level
; TITLE OF INVENTION: HER2
; FILE REFERENCE: MBH01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 365
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-365

Query Match      0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1110 CAGTCCCGTGCCCACT 1125
Db 16 CAGTCCCACTGCCCACT 1

RESULT 207
US-10-163-552-379/c
; Sequence 379, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level
; TITLE OF INVENTION: HER2
; FILE REFERENCE: MBH01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 379
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-379/c

Query Match      0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1205 CCTATCAGGGGGCTGA 1220
Db 17 CATATCAGGGGGCTGA 2

RESULT 209
US-10-156-306-5079/c
; Sequence 5079, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5079
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-5079

Query Match      0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1204 CCCTATCAGGGGGCTG 1219
Db 16 CCATATCAGGGGGCTG 1

RESULT 208
US-10-156-306-5077/c
; Sequence 5077, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5077
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-5077

Query Match      0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 739 CAGAACACCGGTGCA 754
Db 16 CAGGCACCGGTGCA 1

Query Match      0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1204 CCCTATCAGGGGGCTG 1219
Db 16 CCATATCAGGGGGCTG 1

```

Query Match	0.6%	Score 12.8;	DB 1;	Length 17;
Best Local Similarity	87.5%;	Pred. No. 1.6e+02;		
Matches	14;	Conservative	0;	Mismatches 2; Indels 0; Gaps 0;
QY	1057	GCCCCAACCCCAAGCT	1072	
DB	1	GCCCCAAGCCAGGT	16	
RESULT 211				
US-10-238-700-802				
; Sequence 802, Application US/10238700				
; Publication No. US20030153521A1				
; GENERAL INFORMATION:				
; APPLICANT: Ribozyme Pharmaceuticals, Inc.				
; APPLICANT: McSwiggen, James				
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level				
; FILE REFERENCE: 400/057 (MEHB01-1158-A)				
; CURRENT APPLICATION NUMBER: US/10/238-700				
; CURRENT FILING DATE: 2002-09-18				
; PRIOR APPLICATION NUMBER: PCT/US 02/16840				
; PRIOR FILING DATE: 2002-05-29				
; PRIOR APPLICATION NUMBER: US 60/318,471				
; PRIOR FILING DATE: 2001-09-10				
; NUMBER OF SEQ ID NOS: 4666				
; SOFTWARE: PatentIn version 3.0				
; SEQ ID NO 802				
; LENGTH: 17				
; TYPE: RNA				
; ORGANISM: Homo sapiens				
US-10-238-700-802				
Query Match	0.6%	Score 12.8;	DB 1;	Length 17;
Best Local Similarity	43.8%;	Pred. No. 1.6e+02;		
Matches	7;	Conservative	7;	Mismatches 2; Indels 0; Gaps 0;
QY	939	CTTCATGCTGTTAATG	954	
		:: :: :: :: ::		
DB	2	CUUCAUUGUUUAAAG	17	
RESULT 212				
US-10-209-787-2566/c				
; Sequence 2566, Application US/10209787				
; Publication No. US20030217377A1				
; GENERAL INFORMATION:				
; APPLICANT: Kmiec, Eric B.				
; APPLICANT: Gamper, Howard B.				
; APPLICANT: Rice, Michael C.				
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single				
; TITLE OF INVENTION: Stranded Oligonucleotides				
; FILE REFERENCE: Napro-4				
; CURRENT APPLICATION NUMBER: US/10/209,787				
; CURRENT FILING DATE: 2002-07-30				
; PRIOR APPLICATION NUMBER: US 03/818,875				
; PRIOR FILING DATE: 2001-03-27				
; PRIOR APPLICATION NUMBER: US 60/192,176				
; PRIOR FILING DATE: 2000-03-27				
; PRIOR APPLICATION NUMBER: US 60/192,179				
; PRIOR FILING DATE: 2000-03-27				
; PRIOR APPLICATION NUMBER: US 60/208,538				
; PRIOR FILING DATE: 2000-06-01				
; PRIOR APPLICATION NUMBER: US 60/244,989				
; PRIOR FILING DATE: 2000-10-30				
; NUMBER OF SEQ ID NOS: 4385				
; SOFTWARE: Friedman macro Napro4				
; SEQ ID NO 2566				
; LENGTH: 17				
; TYPE: DNA				
; ORGANISM: Homo sapiens				
US-10-209-787-2566				
Query Match	0.6%	Score 12.8;	DB 1;	Length 17;
Best Local Similarity	87.5%;	Pred. No. 1.6e+02;		
Matches	14;	Conservative	0;	Mismatches 2; Indels 0; Gaps 0;
QY	1224	CATCCTTGCGACAGCC	1239	
DB	17	CATCCTTGCACTGCC	2	
RESULT 214				
US-10-209-787-2567				

Sequence 2567, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2567
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-2567

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1224 CATCCTTGCGACAGCC 1239
Db 1 CATCCTTGCAACTGCC 16
RESULT 215
US-10-209-787-2570/c
; Sequence 2570, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2570
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-2570

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1224 CATCCTTGCGACAGCC 1239
Db 17 CATCCTTGCAACTGCC 2
RESULT 216
US-10-209-787-2571
; Sequence 2571, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2571
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-2571

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1224 CATCCTTGCGACAGCC 1239
Db 1 CATCCTTGCAACTGCC 16
RESULT 217
US-10-209-787-2574/c
; Sequence 2574, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2574
; LENGTH: 17
; TYPE: DNA

```
; ORGANISM: Homo sapiens
US-10-209-787-2574

Query Match      0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1224 CATCTTGGCAGGCC 1239
    |||||
Db 16 CATCTTGCAACTGCC 1

RESULT 218
US-10-209-787-2575
; Sequence 2575, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; PRIOR FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2575
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-2575

Query Match      0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1224 CATCTTGGCAGGCC 1239
    |||||
Db 2 CATCTTGCAACTGCC 17

RESULT 219
US-10-297-068-1056/c
; Sequence 1056, Application US/10297068
; Publication No. US20030228585A1
; GENERAL INFORMATION:
; APPLICANT: INOKO, Hidetoshi
; APPLICANT: KAGIYA, Taeko
; APPLICANT: ICHIHARA, Tatsuo
; APPLICANT: Matsumura, Yoshiyuki
; APPLICANT: MORIYA, Shogo
; APPLICANT: NISHIDA, Michio
; TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES
; FILE REFERENCE: 13:40P1174
; CURRENT APPLICATION NUMBER: US/10/297,068
; CURRENT FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: JP 2000-164798
; PRIOR FILING DATE: 2000-06-01
; NUMBER OF SEQ ID NOS: 1298
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1056
; LENGTH: 17

; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-2574

Query Match      0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1224 CATCTTGGCAGGCC 1239
    |||||
Db 16 CATCTTGCAACTGCC 1

RESULT 218
US-10-209-787-2575
; Sequence 2575, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; PRIOR FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2575
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-2575

Query Match      0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1224 CATCTTGGCAGGCC 1239
    |||||
Db 2 CATCTTGCAACTGCC 17

RESULT 219
US-10-297-068-1056/c
; Sequence 1056, Application US/10297068
; Publication No. US20030228585A1
; GENERAL INFORMATION:
; APPLICANT: INOKO, Hidetoshi
; APPLICANT: KAGIYA, Taeko
; APPLICANT: ICHIHARA, Tatsuo
; APPLICANT: Matsumura, Yoshiyuki
; APPLICANT: MORIYA, Shogo
; APPLICANT: NISHIDA, Michio
; TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES
; FILE REFERENCE: 13:40P1174
; CURRENT APPLICATION NUMBER: US/10/297,068
; CURRENT FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: JP 2000-164798
; PRIOR FILING DATE: 2000-06-01
; NUMBER OF SEQ ID NOS: 1298
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1056
; LENGTH: 17

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: capture
US-10-297-068-1056

Query Match      0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 753 CACCTGCCATGCAGGT 769
    |||||
Db 17 CACGTGCCATCCAGGT 2

RESULT 220
US-10-261-185-2566/c
; Sequence 2566, Application US/10261185
; Publication No. US20040014057A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4CON
; CURRENT APPLICATION NUMBER: US/10/261,185
; CURRENT FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/09761
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2566
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-261-185-2566

Query Match      0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1224 CATCTTGGCAGGCC 1239
    |||||
Db 17 CATCTTGCAACTGCC 2

RESULT 221
US-10-261-185-2567
; Sequence 2567, Application US/10261185
; Publication No. US20040014057A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4CON
; CURRENT APPLICATION NUMBER: US/10/261,185
; CURRENT FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/09761
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
```

; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2567
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-261-185-2567

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1224 CATCCTTGCGACAGCC 1239
Db 1 CATCCTTGCAACTGCC 16

RESULT 222

US-10-261-185-2570/c
; Sequence 2570, Application US/10261185
; Publication No. US20040014057A1
; GENERAL INFORMATION:

; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides

; FILE REFERENCE: Napro-4CON
; CURRENT APPLICATION NUMBER: US/10/261,185

; CURRENT FILING DATE: 2002-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/09761

; PRIOR FILING DATE: 2001-03-27

; PRIOR APPLICATION NUMBER: US 60/192,176

; PRIOR FILING DATE: 2000-03-27

; PRIOR APPLICATION NUMBER: US 60/192,179

; PRIOR FILING DATE: 2000-03-27

; PRIOR APPLICATION NUMBER: US 60/208,538

; PRIOR FILING DATE: 2000-06-01

; PRIOR APPLICATION NUMBER: US 60/244,989

; PRIOR FILING DATE: 2000-10-30

; NUMBER OF SEQ ID NOS: 4385

; SOFTWARE: Friedman macro Napro4

; SEQ ID NO 2570

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-261-185-2570

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1224 CATCCTTGCGACAGCC 1239
Db 17 CATCCTTGCAACTGCC 2

RESULT 223

US-10-261-185-2571

; Sequence 2571, Application US/10261185

; Publication No. US20040014057A1

; GENERAL INFORMATION:

; APPLICANT: Kmiec, Eric B.

; APPLICANT: Gamper, Howard B.

; APPLICANT: Rice, Michael C.

; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single

; TITLE OF INVENTION: Stranded Oligonucleotides

; FILE REFERENCE: Napro-4CON

; CURRENT APPLICATION NUMBER: US/10/261,185
; CURRENT FILING DATE: 2002-03-27
; PRIOR APPLICATION NUMBER: PCT/US01/09761
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2571
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-261-185-2571

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1224 CATCCTTGCGACAGCC 1239
Db 1 CATCCTTGCAACTGCC 16

RESULT 224

US-10-261-185-2574/c

; Sequence 2574, Application US/10261185

; Publication No. US20040014057A1

; GENERAL INFORMATION:

; APPLICANT: Kmiec, Eric B.

; APPLICANT: Gamper, Howard B.

; APPLICANT: Rice, Michael C.

; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single

; TITLE OF INVENTION: Stranded Oligonucleotides

; FILE REFERENCE: Napro-4CON

; CURRENT APPLICATION NUMBER: US/10/261,185

; CURRENT FILING DATE: 2002-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/09761

; PRIOR FILING DATE: 2001-03-27

; PRIOR APPLICATION NUMBER: US 60/192,176

; PRIOR FILING DATE: 2000-03-27

; PRIOR APPLICATION NUMBER: US 60/192,179

; PRIOR FILING DATE: 2000-03-27

; PRIOR APPLICATION NUMBER: US 60/208,538

; PRIOR FILING DATE: 2000-06-01

; PRIOR APPLICATION NUMBER: US 60/244,989

; PRIOR FILING DATE: 2000-10-30

; NUMBER OF SEQ ID NOS: 4385

; SOFTWARE: Friedman macro Napro4

; SEQ ID NO 2574

; LENGTH: 17

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-261-185-2574

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1224 CATCCTTGCGACAGCC 1239
Db 16 CATCCTTGCAACTGCC 1

RESULT 225

US-10-261-185-2575

; Sequence 2575, Application US/10261185

; Publication No. US20040014057A1

GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamber, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4CON
; CURRENT APPLICATION NUMBER: US/10/261,185
; CURRENT FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/09761
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 2575
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-261-185-2575

Query Match 0.6%; Score 12.8; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 1.6e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1224 CATCCTTGGACAGCC 1239
Db 2 CATCCTTGGAACTGCC 17

RESULT 226

US-09-067-638B-35/C
; Sequence 35, Application US/09067638B
; Patent No. US20020028923A1

GENERAL INFORMATION:

; APPLICANT: Lex M. Cowsett
; APPLICANT: Brenda F. Baker
; APPLICANT: John McNeil
; APPLICANT: Susan M. Freier
; APPLICANT: Henri M. Sasnor
; APPLICANT: Douglas G. Brooks
; APPLICANT: Cara Ohashi
; APPLICANT: Jacqueline R. Wyatt
; APPLICANT: Alexander Borchers
; APPLICANT: Timothy A. Vickers

; TITLE OF INVENTION: Identification of Genetic
; TITLE OF INVENTION: Targets for Modulation By Oligonucleotides and
; TITLE OF INVENTION: Generation of Oligonucleotides for Gene
; TITLE OF INVENTION: Modulation

; NUMBER OF SEQUENCES: 112

CORRESPONDENCE ADDRESS:

; ADDRESSEE: WOODCOCK WASHBURN KURTZ
; ADDRESSEE: MACKIEWICZ & NORRIS LLP
; STREET: 1 LIBERTY PLACE 46TH FLOOR
; CITY: PHILADELPHIA
; STATE: PA
; COUNTRY: USA

; ZIP: 19103

COMPUTER READABLE FORM:

; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB
; COMPUTER: IBM

; OPERATING SYSTEM: PC-Windows NT

; SOFTWARE: WORD PERFECT 6.1

CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/067,638B

; FILING DATE: 28-APR-1998

; CLASSIFICATION: 435

PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/081,483
; FILING DATE: 13-APR-1998
; ATTORNEY/AGENT INFORMATION:
; NAME: John W. Caldwell
; REGISTRATION NUMBER: 28,937
; REFERENCE/DOCKET NUMBER: ISIS-2960
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-067-638B-35

Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 743 ACACCGTGTGCACCTG 758
Db 17 ACACCATCTGCACCTG 2

RESULT 227

US-10-108-714-8/C
; Sequence 8, Application US/10108714
; Publication No. US20020128445A1

GENERAL INFORMATION:

; APPLICANT: Regan, John W.
; APPLICANT: Gil, Daniel W.
; APPLICANT: Woodward, David F.
; TITLE OF INVENTION: No. US20020128445A1 Human Prostaglandin EP Receptor
; FILE REFERENCE: 17023 DIV CIP
; CURRENT APPLICATION NUMBER: US/10/108,714
; CURRENT FILING DATE: 2002-03-28
; PRIOR APPLICATION NUMBER: EARLIER FILING DATE: 1999-03-12
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-03-12
; PRIOR APPLICATION NUMBER: EARLIER FILING DATE: 1999-03-12
; PRIOR FILING DATE: EARLIER FILING DATE: 1994-05-05
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 8

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-108-714-8

Query Match 0.6%; Score 12.8; DB 1; Length 18;

Best Local Similarity 87.5%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 912 CTTGGTCTTTGCCCTT 927
Db 17 CTTGGTCTTTGCCAT 2

RESULT 228

US-10-197-290-36
; Sequence 36, Application US/10197290
; Publication No. US20030083300A1

GENERAL INFORMATION:

; APPLICANT: C. Frank Bennett
; APPLICANT: Elizabeth J. Ackermann
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF CELLULAR INHIBITOR OF APOPTOSIS-2
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: RSP-0421
; CURRENT APPLICATION NUMBER: US/10/197,290
; CURRENT FILING DATE: 2002-07-16

; PRIOR APPLICATION NUMBER: 09/857,299
; PRIOR FILING DATE: 2001-20-04
; PRIOR APPLICATION NUMBER: PCT/US99/22083
; PRIOR FILING DATE: 1999-09-23
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 36
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-197-290-36

Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 927 TTTATCCCTCCTCTTC 942
Db 1 TTTCTCTCTCCTCTTC 16

RESULT 229
US-10-116-325-35/c
; Sequence 35, Application US/10116325
; Publication No. US2003011379A1
; GENERAL INFORMATION:
; APPLICANT: Cowsert, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeil, John
; APPLICANT: Freier, Susan M.
; APPLICANT: Sasmor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Ohashi, Cara
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: Identification Of Genetic Targets For Modulation By Oligonucleotides
; FILE REFERENCE: ISIS5026
; CURRENT APPLICATION NUMBER: US/10/116,325
; PRIOR FILING DATE: 2002-04-04
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/081,483
; PRIOR FILING DATE: 1998-04-13
; NUMBER OF SEQ ID NOS: 112
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 35
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US2003011379A1e1 Sequence
US-10-116-325-35

Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 743 ACACCGTGTGCACCTG 758
Db 17 ACACCATCTGCACCTG 2

RESULT 230
US-10-388-263-35/c
; Sequence 35, Application US/10388263
; Publication No. US20030228597A1
; GENERAL INFORMATION:
; APPLICANT: Cowsert, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeil, John

; APPLICANT: Freier, Susan M.
; APPLICANT: Sasmor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Ohashi, Cara
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
; TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
; FILE REFERENCE: ISIS-4503
; CURRENT APPLICATION NUMBER: US/10/388,263
; CURRENT FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 35
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-35

Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 743 ACACCGTGTGCACCTG 758
Db 17 ACACCATCTGCACCTG 2

RESULT 231
US-10-388-263-189
; Sequence 189, Application US/10388263
; Publication No. US20030228597A1
; GENERAL INFORMATION:
; APPLICANT: Cowsert, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeil, John
; APPLICANT: Freier, Susan M.
; APPLICANT: Sasmor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Ohashi, Cara
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
; TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
; FILE REFERENCE: ISIS-4503
; CURRENT APPLICATION NUMBER: US/10/388,263
; CURRENT FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 189
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-189

Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 927 TTTATCCCTCCTCTTC 942
Db 1 TTTCTCTCTCCTCTTC 16

RESULT 232

```
US-10-108-260A-5258/c
; Sequence 5258, Application US/10108260A
; Publication No. US20040005560A1
; GENERAL INFORMATION:
; APPLICANT: HELIX RESEARCH INSTITUTE
; TITLE OF INVENTION: No. US20040005560A1el full length cDNA
; FILE REFERENCE: HI-A0106
; CURRENT APPLICATION NUMBER: US/10/108,260A
; CURRENT FILING DATE: 2002-03-27
; NUMBER OF SEQ ID NOS: 5458
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5258
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: an artificially synthesized P
US-10-108-260A-5258
Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 778 AGAGAAAACGAGTGTG 793
Db 16 AAAGAAAACGAGGTG 1

RESULT 233
US-10-349-143-4256/c
; Sequence 4256, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4256
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-1423 for SEQ 322,
US-10-349-143-4256
Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1078 CCCACTCCAGGCTTCA 1093
Db 17 CCCATCAAGGCTTCA 2

RESULT 234
US-10-349-143-9785/c
; Sequence 9785, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9785
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-7356 for SEQ 1920, in compleme
US-10-349-143-9785
Query Match 0.6%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1138 TCCAGTCCACCTATA 1153
Db 17 TCCAACTCCACCTTA 2

RESULT 235
US-09-828-034-27
; Sequence 27, Application US/09828034
; Patent No. US20020064771A1
; GENERAL INFORMATION:
; APPLICANT: Zhong, Weidong
; APPLICANT: Hong, Zhi
; TITLE OF INVENTION: HCV REPLICASE COMPLEXES
; FILE REFERENCE: IN01165
; CURRENT APPLICATION NUMBER: US/09/828,034
; CURRENT FILING DATE: 2001-04-06
; PRIOR APPLICATION NUMBER: U.S. 60/195,852
; PRIOR FILING DATE: 2000-04-06
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 27
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic RNA
US-09-828-034-27
Query Match 0.6%; Score 12.4; DB 1; Length 14;
Best Local Similarity 78.6%; Pred. No. 1.2e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1208 ATCAGGGGGCTGAC 1221
Db 1 AUCAGGGGGCUGGC 14

RESULT 236
US-10-356-625-20
; Sequence 20, Application US/10356625
; Publication No. US20030186290A1
; GENERAL INFORMATION:
```

; APPLICANT: Tournier-Lasserre, Elisabeth
; APPLICANT: Joutel, Anne
; APPLICANT: Bousseer, Marie-Germaine
; APPLICANT: Bach, Jean-Francois
; TITLE OF INVENTION: GENE INVOLVED IN CADASIL, METHOD OF DIAGNOSIS AND
; TITLE OF INVENTION: THERAPEUTIC APPLICATION
; FILE REFERENCE: 03715.0048-00000
; CURRENT APPLICATION NUMBER: US/10/356,625
; CURRENT FILING DATE: 2003-02-03
; PRIOR APPLICATION NUMBER: US/09/230,652
; PRIOR FILING DATE: 1999-05-17
; PRIOR APPLICATION NUMBER: FR 96 09733
; PRIOR FILING DATE: 1996-08-01
; PRIOR APPLICATION NUMBER: FR 97 04680
; PRIOR FILING DATE: 1997-04-16
; PRIOR APPLICATION NUMBER: PCT/FR97/01433
; PRIOR FILING DATE: 1997-07-31
; NUMBER OF SEQ ID NOS: 163
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 20
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-10-356-625-20

Query Match 0.6%; Score 12.4; DB 1; Length 14;
Best Local Similarity 92.9%; Pred. No. 1.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1080 CACTCCAGGCTTCA 1093
||| ||||| |||||
Db 1 CACCCAGGCTTCA 14

RESULT 237

US-10-091-281-55
; Sequence 55, Application US/10091281
; Publication No. US20030190617A1
; GENERAL INFORMATION:
; APPLICANT: RAYMOND, VINCENT
; APPLICANT: SI, ERWIN
; APPLICANT: MORISSETTE, JEAN
; TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
; FILE REFERENCE: 13587,338
; CURRENT APPLICATION NUMBER: US/10/091,281
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 463
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 55
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Putative SP1F/GC.01 motif
US-10-091-281-55

Query Match 0.6%; Score 12.4; DB 1; Length 14;
Best Local Similarity 92.9%; Pred. No. 1.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1019 AAGAGGGGAGCTT 1032
||||| ||||| |||||
Db 1 AAGAGGGGAGCTT 14

RESULT 238

US-09-504-231A-41/c
; Sequence 41, Application US/09504231A
; Patent No. US20020013458A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence

; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATEI
; TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION
; FILE REFERENCE: rpi 247/282
; CURRENT APPLICATION NUMBER: US/09/504,231A
; CURRENT FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 09/274,553
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3242
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 41
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-41

Query Match 0.6%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1200 ACCACCCATCAGG 1213
||| ||||| |||||
Db 15 AGCACCCATCAGG 2

RESULT 239

US-09-504-231A-1538
; Sequence 1538, Application US/09504231A
; Patent No. US20020013458A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATEI
; TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION
; FILE REFERENCE: rpi 247/282
; CURRENT APPLICATION NUMBER: US/09/504,231A
; CURRENT FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 09/274,553
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3242
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1538
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-1538

Query Match 0.6%; Score 12.4; DB 1; Length 15;
Best Local Similarity 78.6%; Pred. No. 1.4e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1200 ACCACCCCTATCAGG 1213
| | | | | : | | | | |
Db 2 AGCACCCUACAGG 15

RESULT 240

US-09-504-231A-1539
; Sequence 1539, Application US/09504231A
; Patent No. US20020013458A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; FILE REFERENCE: IPI 247/282
; CURRENT APPLICATION NUMBER: US/09/504,231A
; CURRENT FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 09/274,553
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3242
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1539
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-1539

Query Match 0.6%; Score 12.4; DB 1; Length 15;
Best Local Similarity 78.6%; Pred. No. 1.4e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1200 ACCACCCCTATCAGG 1213
| | | | | : | | | | |
Db 1 AGCACCCUACAGG 14

RESULT 241

US-09-274-553D-41/c
; Sequence 41, Application US/09274553D
; Patent No. US20020082225A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; FILE REFERENCE: IPI 247/282
; CURRENT APPLICATION NUMBER: US/09/274,553D
; CURRENT FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3148
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 41
; LENGTH: 15
; TYPE: RNA

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-41

Query Match 0.6%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1200 ACCACCCCTATCAGG 1213
| | | | | : | | | | |
Db 15 AGCACCCCTATCAGG 2

RESULT 242

US-09-274-553D-1538
; Sequence 1538, Application US/09274553D
; Patent No. US20020082225A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; FILE REFERENCE: IPI 247/282
; CURRENT APPLICATION NUMBER: US/09/274,553D
; CURRENT FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3148
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1538
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-1538

Query Match 0.6%; Score 12.4; DB 1; Length 15;
Best Local Similarity 78.6%; Pred. No. 1.4e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1200 ACCACCCCTATCAGG 1213
| | | | | : | | | | |
Db 2 AGCACCCUACAGG 15

RESULT 243

US-09-274-553D-1539
; Sequence 1539, Application US/09274553D
; Patent No. US20020082225A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; FILE REFERENCE: IPI 247/282
; CURRENT APPLICATION NUMBER: US/09/274,553D
; CURRENT FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18

; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3148
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1539
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-1539

Query Match 0.6%; Score 12.4; DB 1; Length 15;
Best Local Similarity 78.6%; Pred. No. 1.4e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1200 ACACCTATCAGG 1213
| | | | | : | | | | |
Db 1 AGCACCUAUCAGG 14

RESULT 244
US-09-848-754A-9175
; Sequence 9175, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Growth Factor Receptors
; FILE REFERENCE: MBH00-958-1 (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 9175
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Enzymatic Nucleic acid
US-09-848-754A-9175

Query Match 0.6%; Score 12.4; DB 1; Length 15;
Best Local Similarity 78.6%; Pred. No. 1.4e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1026 GGAGCTTGAGGAA 1039
| | | | | : | | | | |
Db 2 GGAUCUUGAAGGAA 15

RESULT 245
US-09-848-754A-9213/C
; Sequence 9213, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Growth Factor Receptors
; FILE REFERENCE: MBH00-958-1 (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 9213
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Enzymatic Nucleic acid
US-09-848-754A-9213

Query Match 0.6%; Score 12.4; DB 1; Length 15;

Best Local Similarity 92.9%; Pred. No. 1.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 863 AGGCACCTGAGGAC 876
| | | | | : | | | | |
Db 15 AGGCAATGAGGAC 2

RESULT 246
US-09-996-292A-40
; Sequence 40, Application US/09996292A
; Publication No. US20030158403A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; APPLICANT: Maier, Martin A.
; APPLICANT: Prakash, Thazha P.
; APPLICANT: Rajeev, Kallanthottathil Gopalan
; TITLE OF INVENTION: Nuclease Resistant Chimeric Oligonucleotides
; FILE REFERENCE: ISIS-4804
; CURRENT APPLICATION NUMBER: US/09/996,292A
; CURRENT FILING DATE: 2001-09-28
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 40
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Completely synthetic sequence
US-09-996-292A-40

Query Match 0.6%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1016 AAAAGAGGGGGAG 1029
| | | | | : | | | | |
Db 1 AAAAGAGGGGGAG 14

RESULT 247
US-10-152-123-21
; Sequence 21, Application US/10152123
; Publication No. US20030072712A1
; GENERAL INFORMATION:
; APPLICANT: Lin, Kuei-Ying
; APPLICANT: Matteucci, Mark D.
; TITLE OF INVENTION: Pyrimidine Derivatives For Labeled Binding Partners
; FILE REFERENCE: GLIS0127
; CURRENT APPLICATION NUMBER: US/10/152,123
; CURRENT FILING DATE: 2002-05-21
; PRIOR APPLICATION NUMBER: US/09/400,502
; PRIOR FILING DATE: 1999-09-21
; PRIOR APPLICATION NUMBER: 08/966,392
; PRIOR FILING DATE: 1997-11-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 21
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20030072712A1e1 Sequence
US-10-152-123-21

Query Match 0.6%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1016 AAAAGAGGGGGAG 1029
| | | | | : | | | | |
Db 1 AAAAGAGGGGGAG 14

```
RESULT 248
US-10-152-123-22
; Sequence 22, Application US/10152123
; Publication No. US20030072712A1
; GENERAL INFORMATION:
; APPLICANT: Lin, Kuei-Ying
; APPLICANT: Matteucci, Mark D.
; TITLE OF INVENTION: Pyrimidine Derivatives For Labeled Binding Partners
; FILE REFERENCE: GLIS0127
; CURRENT APPLICATION NUMBER: US/10/152,123
; CURRENT FILING DATE: 2002-05-21
; PRIOR APPLICATION NUMBER: US/09/400,502
; PRIOR FILING DATE: 1999-09-21
; PRIOR APPLICATION NUMBER: 08/966,392
; PRIOR FILING DATE: 1997-11-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 22
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20030072712A1el Sequence
US-10-152-123-22

Query Match          0.6%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1016 AAAAAGAGGGGAG 1029
Db 1 AAAAAGAGGGGAG 14

RESULT 249
US-10-287-919-255/c
; Sequence 255, Application US/10287919
; Publication No. US20030085830A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/287,919
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 2706
; SOFTWARE: Proprietary
; SEQ ID NO 255
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Methanococcus jannaschii complete genome.
; FEATURE:
; LOCATION: (73740)...(73754)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 304
US-10-287-919-255

Query Match          0.6%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 769 TTCTTTCTAAGAGA 782
Db 15 TTCTTTCTAAGAAA 2

RESULT 250
US-10-287-919-1518
; Sequence 1518, Application US/10287919
; Publication No. US20030085830A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
```

```
; CURRENT APPLICATION NUMBER: US/10/287,919
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 2706
; SOFTWARE: Proprietary
; SEQ ID NO 1518
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Methanococcus jannaschii complete genome.
; FEATURE:
; LOCATION: (810217)...(810230)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 1914
US-10-287-919-1518

Query Match          0.6%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 918 TCTTTGCCCTTTTAT 931
Db 1 TCTTTGCCCTTTTAT 14

RESULT 251
US-10-171-270-1/c
; Sequence 1, Application US/10171270
; Publication No. US20030120065A1
; GENERAL INFORMATION:
; APPLICANT: Froehler, Brian C.
; APPLICANT: Gutierrez, Arnold J.
; APPLICANT: Matteucci, Mark D.
; TITLE OF INVENTION: 2-Aminopyridine and 2'-Pyridone C-Nucleosides
; FILE REFERENCE: GLIS0142
; CURRENT APPLICATION NUMBER: US/10/171,270
; CURRENT FILING DATE: 2002-06-13
; PRIOR APPLICATION NUMBER: US/09/717,422
; PRIOR FILING DATE: 2000-11-21
; PRIOR APPLICATION NUMBER: 08/906,378
; PRIOR FILING DATE: 1997-08-05
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 1
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20030120065A1el Sequence
US-10-171-270-1

Query Match          0.6%; Score 12.4; DB 1; Length 15;
Best Local Similarity 92.9%; Pred. No. 1.4e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1016 AAAAAGAGGGGAG 1029
Db 15 AAAAAGAGGGGAG 2

RESULT 252
US-10-013-295-40
; Sequence 40, Application US/10013295
; Publication No. US20030175906A1
; GENERAL INFORMATION:
; APPLICANT: Manoharan, Muthiah
; TITLE OF INVENTION: Nuclease Resistant Chimeric Oligonucleotides
; FILE REFERENCE: ISIS4948
; CURRENT APPLICATION NUMBER: US/10/013,295
; CURRENT FILING DATE: 2001-12-10
; PRIOR APPLICATION NUMBER: 60/302,682
; PRIOR FILING DATE: 2001-07-03
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 40
; LENGTH: 15
```

; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: No. US20030175906A1el Sequence
 US-10-013-295-40

Query Match 0.6%; Score 12.4; DB 1; Length 15;
 Best Local Similarity 92.9%; Pred. No. 1.4e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1016 AAAAAGAGGGGAG 1029
 Db 1 AAAAAGAGGGGAG 14

RESULT 253

US-09-780-533A-2379
 ; Sequence 2379, Application US/09780533A
 ; Publication No. US20030060611A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Blatt, Larry
 ; APPLICANT: McSwiggen, Jim
 ; APPLICANT: Chowliira, Bharat
 ; APPLICANT: Haeblerli, Pete
 ; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
 ; FILE REFERENCE: MBH00,878-A (400/011)
 ; CURRENT APPLICATION NUMBER: US/09/780,533A
 ; CURRENT FILING DATE: 2001-02-09
 ; PRIOR APPLICATION NUMBER: US 60/181,797
 ; PRIOR FILING DATE: 2000-02-11
 ; NUMBER OF SEQ ID NOS: 6679
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 2379
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-09-780-533A-2379

Query Match 0.6%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 71.4%; Pred. No. 2e+02;
 Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1506 GCTGGAGCTGCTGG 1519
 Db 3 GCUGGAGGUGGUGG 16

RESULT 254

US-09-866-108-975
 ; Sequence 975, Application US/09866108
 ; Patent No. US20020048800A1
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: AEOMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00664
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00662
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00661
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00670
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: US 60/234,687
 ; PRIOR FILING DATE: 2000-09-21
 ; PRIOR APPLICATION NUMBER: US 60/266,860
 ; PRIOR FILING DATE: 2001-02-05
 ; NUMBER OF SEQ ID NOS: 15752
 ; SOFTWARE: Aeomica Sequence Listing Engine
 ; SEQ ID NO 975
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-09-866-108-975

Query Match 0.6%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 2e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1057 GCCCAAAACCAAG 1070
 Db 1 GCCCAAGCCCAAG 14

RESULT 255

US-09-866-108-8355/c
 ; Sequence 8355, Application US/09866108
 ; Patent No. US20020048800A1
 ; GENERAL INFORMATION:
 ; APPLICANT: GU, Yizhong
 ; APPLICANT: JI, Yonggang
 ; APPLICANT: PENN, Sharron G.
 ; APPLICANT: HANZEL, David K.
 ; APPLICANT: RANK, David R.
 ; APPLICANT: CHEN, Wensheng
 ; APPLICANT: SHANNON, Mark
 ; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
 ; FILE REFERENCE: AEOMICA-7
 ; CURRENT APPLICATION NUMBER: US/09/866,108
 ; CURRENT FILING DATE: 2001-05-25
 ; PRIOR APPLICATION NUMBER: US 60/207,456
 ; PRIOR FILING DATE: 2000-05-26
 ; PRIOR APPLICATION NUMBER: GB 24263.6
 ; PRIOR FILING DATE: 2000-10-04
 ; PRIOR APPLICATION NUMBER: US 60/236,359
 ; PRIOR FILING DATE: 2000-09-27
 ; PRIOR APPLICATION NUMBER: PCT/US01/00666
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00667
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00669
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00665
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00668
 ; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: PCT/US01/00663


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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 8355
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-8355
```

```
Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 1137 CTCGAGCTCCACCT 1150
DB 17 CTCGAGCTCCTCCT 4
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RESULT 256

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US-09-866-108-8356/c
; Sequence 8356, Application US/09866108
; Patent No. US20020048900A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
```

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; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 8356
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-8356
```

```
Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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```
QY 1137 CTCGAGCTCCACCT 1150
DB 16 CTCGAGCTCCTCCT 3
```

RESULT 257

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US-09-866-108-8357/c
; Sequence 8357, Application US/09866108
; Patent No. US20020048900A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 8357
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-8357
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Query Match

0.6%; Score 12.4; DB 1; Length 17;

Best Local Similarity 92.9%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1137 CTCAGCTCCACCT 1150
Db 15 CTCAGCTCTCCT 2

RESULT 258

US-09-866-108-8358/c
; Sequence 8358, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: ABOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 8358
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-8358

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1137 CTCAGCTCCACCT 1150
Db 14 CTCAGCTCTCCT 1

RESULT 259

US-09-928-412-4

; Sequence 4, Application US/09928412
; Patent No. US20020123623A1
; GENERAL INFORMATION:
; APPLICANT: KAWAOKA, Akiyoshi
; APPLICANT: EBINUMA, Hiroyasu
; TITLE OF INVENTION: TRANSCRIPTION FACTOR CONTROLLING PHENYLPROPANOID
; TITLE OF INVENTION: BIOSYNTHESIS PATHWAY
; FILE REFERENCE: 4859-0027-0
; CURRENT APPLICATION NUMBER: US/09/928,412
; CURRENT FILING DATE: 2001-08-14
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/282,146
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: JP 10-125171
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-03-31
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
US-09-928-412-4

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1257 CCCCACCCCTTC 1270
Db 4 CACCAACCCCTTC 17

RESULT 260

US-09-135-238B-27/c
; Sequence 27, Application US/09135238B
; Patent No. US20020177565A1
; GENERAL INFORMATION:
; APPLICANT: NO. US20020177565Alan, Garry P.
; APPLICANT: Hitoshi, Yasumichi
; TITLE OF INVENTION: TOSO
; FILE REFERENCE: A65635-1/DJB/RMS
; CURRENT APPLICATION NUMBER: US/09/135,238B
; CURRENT FILING DATE: 1998-08-17
; PRIOR APPLICATION NUMBER: 60/066,063
; PRIOR FILING DATE: 1997-11-17
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 27
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-135-238B-27

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1253 CCATCCCCAACCC 1266
Db 16 CTATCCCCAACCC 3

RESULT 261

US-09-864-785-76
; Sequence 76, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken

```
/ APPLICANT: McSwiggen, Jim
/ TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
/ TITLE OF INVENTION: Levels of NF-Kappa B
/ FILE REFERENCE: 400/022 (MBHB00-812-D)
/ CURRENT APPLICATION NUMBER: US/09/864,785
/ CURRENT FILING DATE: 2001-05-23
/ NUMBER OF SEQ ID NOS: 3929
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 76
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-76

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 2e+02; 1; Indels 0; Gaps 0;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1087 GGCTTCACCCGCC 1100
Db 1 GGCCUCACCCGCC 14

RESULT 262
US-09-864-785-660/c
/ Sequence 660, Application US/09864785
/ Patent No. US20020177568A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: Draper, Ken
/ APPLICANT: McSwiggen, Jim
/ TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
/ TITLE OF INVENTION: Levels of NF-Kappa B
/ FILE REFERENCE: 400/022 (MBHB00-812-D)
/ CURRENT APPLICATION NUMBER: US/09/864,785
/ CURRENT FILING DATE: 2001-05-23
/ NUMBER OF SEQ ID NOS: 3929
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 660
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-660

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2e+02; 1; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 887 CAGTCTGTGTGCC 900
Db 15 CAGTCTGTGTGCC 2

RESULT 263
US-09-864-785-1689/c
/ Sequence 1689, Application US/09864785
/ Patent No. US20020177568A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: Draper, Ken
/ APPLICANT: McSwiggen, Jim
/ TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
/ TITLE OF INVENTION: Levels of NF-Kappa B
/ FILE REFERENCE: 400/022 (MBHB00-812-D)
/ CURRENT APPLICATION NUMBER: US/09/864,785
/ CURRENT FILING DATE: 2001-05-23
/ NUMBER OF SEQ ID NOS: 3929
```

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/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 1689
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-1689

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2e+02; 1; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 887 CAGTCTGTGTGCC 900
Db 14 CAGTCTGTGTGCC 1

RESULT 264
US-09-864-785-2108/c
/ Sequence 2108, Application US/09864785
/ Patent No. US20020177568A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: Draper, Ken
/ APPLICANT: McSwiggen, Jim
/ TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
/ TITLE OF INVENTION: Levels of NF-Kappa B
/ FILE REFERENCE: 400/022 (MBHB00-812-D)
/ CURRENT APPLICATION NUMBER: US/09/864,785
/ CURRENT FILING DATE: 2001-05-23
/ NUMBER OF SEQ ID NOS: 3929
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 2108
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-2108

Query Match          0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2e+02; 1; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1085 CAGGCTTACCCCC 1098
Db 15 CAGGCTTACCCCC 2

RESULT 265
US-09-864-785-2140/c
/ Sequence 2140, Application US/09864785
/ Patent No. US20020177568A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: Draper, Ken
/ APPLICANT: McSwiggen, Jim
/ TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
/ TITLE OF INVENTION: Levels of NF-Kappa B
/ FILE REFERENCE: 400/022 (MBHB00-812-D)
/ CURRENT APPLICATION NUMBER: US/09/864,785
/ CURRENT FILING DATE: 2001-05-23
/ NUMBER OF SEQ ID NOS: 3929
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 2140
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
```

US-09-864-785-2140

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 887 CAGTGTCTTGTGCC 900
|||||
Db 17 CAGTGTCTTGTGCAC 4

RESULT 266

US-09-864-785-2888/c
; Sequence 2888, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim

; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: 400/022 (MBHB00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2888
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence

; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-2888

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1085 CAGCGTTCACCCCC 1098
|||||
Db 16 CAGCGTTCACCCCC 3

RESULT 267

US-09-825-805-400
; Sequence 400, Application US/09825805
; Publication No. US20030004122A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn

; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
; FILE REFERENCE: MBHB00-831-F (400/009)
; CURRENT APPLICATION NUMBER: US/09/825,805
; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: 09/578,223
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 09/476,387
; PRIOR FILING DATE: 1999-12-30
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866

; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1558
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 400
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-825-805-400

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 2e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 978 CAAGCTCTACTCCA 991
|||||
Db 1 CAAGCUCUGCUCCA 14

RESULT 268

US-09-825-805-838
; Sequence 838, Application US/09825805
; Publication No. US20030004122A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn

; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
; FILE REFERENCE: MBHB00-831-F (400/009)
; CURRENT APPLICATION NUMBER: US/09/825,805
; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: 09/578,223
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 09/476,387
; PRIOR FILING DATE: 1999-12-30
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; NUMBER OF SEQ ID NOS: 1558
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 838
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-825-805-838

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 78.8%; Pred. No. 2e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1257 CCCCAACCCCTTC 1270
|||||
Db 4 CCCACGCCCCCUUC 17

RESULT 269

US-09-961-077-222/c
; Sequence 222, Application US/09961077
; Publication No. US20030014775A1
; GENERAL INFORMATION:
; APPLICANT: Zwick, Michael G.
; Edington, Brent B.
; McSwiggen, James A.

Merlo, Patricia Ann Owens
Guo, Lining
Skokut, Thomas A.
Young, Scott A.
Folkerts, Otto
Merlo, Donald J.
TITLE OF INVENTION: COMPOSITION AND METHODS FOR
MODULATION OF GENE EXPRESSION
IN PLANTS
NUMBER OF SEQUENCES: 1263
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
FILING DATE: 21-Sep-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/679,645
FILING DATE: July 12, 1996
APPLICATION NUMBER: 60/001,135
FILING DATE: July 13, 1995
APPLICATION NUMBER: 08/300,726
FILING DATE: September 2, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 219/247
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 222:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 222:
US-09-961-077-222
Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1241 TCGCCTCGACCCC 1254
|||||
Db 17 TCGCCTCGACCCC 4
RESULT 270
US-09-784-674-40
Sequence 40, Application US/09784674
Publication No. US20030054346A1
GENERAL INFORMATION:
APPLICANT: Shannon, Karen W.
Wolber, Paul K.
Delenstarr, Glenda C.
Webb, Peter G.
Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
probe sequences

NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard
Company M/S 2080
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/784,674
FILING DATE: 15-Feb-2001
CLASSIFICATION: No. US20030054346A1 available
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/021,701
FILING DATE: 10-FEB-1998
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELEPHONE: 650-236-2386
TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 40:
US-09-784-674-40
Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1125 TTCACCTTCACCT 1138
|||||
Db 4 TTCACCTTCACCT 17
RESULT 271
US-09-784-674-41
Sequence 41, Application US/09784674
Publication No. US20030054346A1
GENERAL INFORMATION:
APPLICANT: Shannon, Karen W.
Wolber, Paul K.
Delenstarr, Glenda C.
Webb, Peter G.
Kincaid, Robert H.
TITLE OF INVENTION: Methods for evaluating oligonucleotide
probe sequences
NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:
ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard
Company M/S 2080
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/784,674
FILING DATE: 15-FEB-2001
CLASSIFICATION: No. US20030054346A1 available
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/021,701
FILING DATE: 10-FEB-1998
ATTORNEY/AGENT INFORMATION:
NAME: Choi, Wendy A.
REGISTRATION NUMBER: 36,697
REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 41:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 41:
US-09-784-674-41

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1125 TTCACCTTCACCT 1138
|||||
DB 3 TTCACATTCACCT 16

RESULT 272

US-09-784-674-42
Sequence 42, Application US/09784674
Publication No. US20030054346A1
GENERAL INFORMATION:
APPLICANT: Shannon, Karen W.
Wolber, Paul K.
Delenstarr, Glenda C.
Webb, Peter G.
Kincaid, Robert H.

TITLE OF INVENTION: Methods for evaluating oligonucleotide
probe sequences

NUMBER OF SEQUENCES: 1165
CORRESPONDENCE ADDRESS:

ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard
Company M/S 20BO
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/784,674

FILING DATE: 15-FEB-2001

CLASSIFICATION: No. US20030054346A1 available

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/021,701

FILING DATE: 10-FEB-1998

ATTORNEY/AGENT INFORMATION:

NAME: Choi, Wendy A.

REGISTRATION NUMBER: 36,697

REFERENCE/DOCKET NUMBER: 10971464-1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-236-2386
TELEFAX: 650-852-8063
INFORMATION FOR SEQ ID NO: 42:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: cDNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 42:
US-09-784-674-42

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1125 TTCACCTTCACCT 1138
|||||
DB 2 TTCACATTCACCT 15

RESULT 273

US-09-784-674-43
Sequence 43, Application US/09784674
Publication No. US20030054346A1
GENERAL INFORMATION:

APPLICANT: Shannon, Karen W.

Wolber, Paul K.

Delenstarr, Glenda C.

Webb, Peter G.

Kincaid, Robert H.

TITLE OF INVENTION: Methods for evaluating oligonucleotide
probe sequences

NUMBER OF SEQUENCES: 1165

CORRESPONDENCE ADDRESS:

ADDRESSEE: Records Manager, Legal Department, Hewlett-Packard
Company M/S 20BO
STREET: 3000 Hanover Street
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/784,674

FILING DATE: 15-FEB-2001

CLASSIFICATION: No. US20030054346A1 available

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 09/021,701

FILING DATE: 10-FEB-1998

ATTORNEY/AGENT INFORMATION:

NAME: Choi, Wendy A.

REGISTRATION NUMBER: 36,697

REFERENCE/DOCKET NUMBER: 10971464-1

TELECOMMUNICATION INFORMATION:

TELEPHONE: 650-236-2386

TELEFAX: 650-852-8063

INFORMATION FOR SEQ ID NO: 43:

SEQUENCE CHARACTERISTICS:

LENGTH: 17 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: cDNA

HYPOTHETICAL: NO

```
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 43:
US-09-784-674-43

Query Match      0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2e+02; 1; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1125 TTCACATTCACCT 1138
Db 1 TTCACATTCACCT 14

RESULT 274
US-09-780-533A-748
; Sequence 748, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haerberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MBH00.878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 748
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-748

Query Match      0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 95.7%; Pred. No. 2e+02; 1; Indels 0; Gaps 0;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1254 CATCCCCAACCC 1267
Db 4 CCUCCCCAACCC 17

RESULT 275
US-09-533A-749
; Sequence 749, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haerberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MBH00.878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 749
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-749

Query Match      0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 2e+02; 1; Indels 0; Gaps 0;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1254 CATCCCCAACCC 1267
Db 4 CCUCCCCAACCC 17

RESULT 276
US-09-780-533A-750
; Sequence 750, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haerberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MBH00.878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 750
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-750

Query Match      0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 2e+02; 1; Indels 0; Gaps 0;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1254 CATCCCCAACCC 1267
Db 2 CCUCCCCAACCC 15

RESULT 277
US-09-780-533A-1399/c
; Sequence 1399, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haerberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MBH00.878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1399
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-1399

Query Match      0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2e+02; 1; Indels 0; Gaps 0;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1079 CCATCCAGGCTTC 1092
Db 16 CCATCCAGTCTTC 3

RESULT 278
```

US-09-780-533A-2089
 ; Sequence 2089, Application US/09780533A
 ; Publication No. US20030060611A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Blatt, Larry
 ; APPLICANT: McSwiggen, Jim
 ; APPLICANT: Chowrira, Bharat
 ; APPLICANT: Haerberli, Pete
 ; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
 ; FILE REFERENCE: MBH00,878-A (400/011)
 ; CURRENT APPLICATION NUMBER: US/09/780,533A
 ; CURRENT FILING DATE: 2001-02-09
 ; PRIOR APPLICATION NUMBER: US 60/181,797
 ; NUMBER OF SEQ ID NOS: 6679
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 2089
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-09-780-533A-2089

Query Match 0.6%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 85.7%; Pred. No. 2e+02;
 Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1254 CATCCCCAACCCCC 1267
 Db 1 CCUCCCCAACCCCC 14

RESULT 279

US-09-780-533A-2630/c
 ; Sequence 2630, Application US/09780533A
 ; Publication No. US20030060611A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Blatt, Larry
 ; APPLICANT: McSwiggen, Jim
 ; APPLICANT: Chowrira, Bharat
 ; APPLICANT: Haerberli, Pete
 ; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
 ; FILE REFERENCE: MBH00,878-A (400/011)
 ; CURRENT APPLICATION NUMBER: US/09/780,533A
 ; CURRENT FILING DATE: 2001-02-09
 ; PRIOR APPLICATION NUMBER: US 60/181,797
 ; NUMBER OF SEQ ID NOS: 6679
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 2630
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-09-780-533A-2630

Query Match 0.6%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 2e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1079 CCACTCCAGCTTC 1092
 Db 15 CCACTCCAGCTTC 2

RESULT 280

US-09-780-533A-2631/c
 ; Sequence 2631, Application US/09780533A
 ; Publication No. US20030060611A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Blatt, Larry
 ; APPLICANT: McSwiggen, Jim

; APPLICANT: Chowrira, Bharat
 ; APPLICANT: Haerberli, Pete
 ; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
 ; FILE REFERENCE: MBH00,878-A (400/011)
 ; CURRENT APPLICATION NUMBER: US/09/780,533A
 ; CURRENT FILING DATE: 2001-02-09
 ; PRIOR APPLICATION NUMBER: US 60/181,797
 ; PRIOR FILING DATE: 2000-02-11
 ; NUMBER OF SEQ ID NOS: 6679
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 2631
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-09-780-533A-2631

Query Match 0.6%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 2e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1079 CCACTCCAGCTTC 1092
 Db 14 CCACTCCAGCTTC 1

RESULT 281

US-09-877-478-211
 ; Sequence 211, Application US/09877478
 ; Publication No. US20030068301A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Draper, Kenneth
 ; APPLICANT: Blatt, Larry
 ; APPLICANT: McSwiggen, Jim
 ; APPLICANT: Morrissey, Dave
 ; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
 ; FILE REFERENCE: MBH00-845-H (400/029)
 ; CURRENT APPLICATION NUMBER: US/09/877,478
 ; CURRENT FILING DATE: 2001-12-31
 ; PRIOR APPLICATION NUMBER: US 07/882,712
 ; PRIOR FILING DATE: 1992-05-14
 ; PRIOR APPLICATION NUMBER: US 09/531,025
 ; PRIOR FILING DATE: 2000-03-20
 ; PRIOR APPLICATION NUMBER: US 09/636,385
 ; PRIOR FILING DATE: 2000-08-09
 ; PRIOR APPLICATION NUMBER: US 09/696,347
 ; PRIOR FILING DATE: 2000-10-24
 ; PRIOR APPLICATION NUMBER: US 08/193,627
 ; PRIOR FILING DATE: 1994-02-07
 ; PRIOR APPLICATION NUMBER: US 08/433,993
 ; PRIOR FILING DATE: 1995-05-04
 ; PRIOR APPLICATION NUMBER: US 08/434,504
 ; PRIOR FILING DATE: 1995-05-04
 ; PRIOR APPLICATION NUMBER: US 09/436,430
 ; PRIOR FILING DATE: 1999-11-08
 ; NUMBER OF SEQ ID NOS: 6586
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 211
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Hepatitis B virus
 US-09-877-478-211

Query Match 0.6%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 28.6%; Pred. No. 2e+02;
 Matches 4; Conservative 9; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCCTTTGGTCT 920
 Db 4 AUUUUUUUUUUCU 17

RESULT 282


```
US-09-877-478-677
; Sequence 677, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 09/877,478
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 677
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
US-09-877-478-677

Query Match      0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 2e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY      1084 CCAGGCTTCACCCC 1097
Db      2 CCAGGGUUCACCCC 15

RESULT 283
US-09-877-478-678
; Sequence 678, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 09/877,478
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 678
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
US-09-877-478-678

Query Match      0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 2e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY      1084 CCAGGCTTCACCCC 1097
Db      2 CCAGGGUUCACCCC 15

RESULT 283
US-09-877-478-678
; Sequence 678, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 09/877,478
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 678
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
US-09-877-478-678
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US-09-877-478-677
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 678
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-678

Query Match      0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 2e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY      1084 CCAGGCTTCACCCC 1097
Db      1 CCAGGGUUCACCCC 14

RESULT 284
US-09-877-478-1814
; Sequence 1814, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 09/877,478
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1814
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-1814

Query Match      0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 2e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY      1084 CCAGGCTTCACCCC 1097
Db      4 CCAGGGUUCACCCC 17

RESULT 285
US-09-877-478-2221
; Sequence 2221, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
US-09-877-478-2221
```

```
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MHB00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2221
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
; US-09-877-478-2221

Query Match      0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 2e+02;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1297 CCACGAGCCTAG 1310
Db 4 CCACAGAGUCUAGA 17

RESULT 286
US-09-848-754A-60/c
; Sequence 60, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MHB00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 60
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-848-754A-60/c

Query Match      0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 863 AGGGCACTGAGGAC 876
Db 17 AGGGCAATGAGGAC 4

RESULT 287
US-09-848-754A-926/c
; Sequence 926, Application US/09848754A
; Publication No. US20030073207A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MHB00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 926
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-848-754A-926

Query Match      0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 863 AGGGCACTGAGGAC 876
Db 16 AGGGCAATGAGGAC 3

RESULT 288
US-09-848-754A-2006
; Sequence 2006, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MHB00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2006
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-848-754A-2006

Query Match      0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 2e+02;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1054 CTGGCCCCCAAGCC 1067
Db 4 CUGCCCCCAAGCC 17

RESULT 289
US-09-848-754A-2007
; Sequence 2007, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: MHB00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2007
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-848-754A-2007

Query Match      0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 2e+02;
```

Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1054 CTGGCCCCCAACCC 1067
|:|||||
Db 3 CUGCCCCCAACCC 16

RESULT 290

US-09-848-754A-2008
; Sequence 2008, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
; FILE REFERENCE: MBHB00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2008
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-2008

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 2e+02;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1054 CTGGCCCCCAACCC 1067
|:|||||
Db 2 CUGCCCCCAACCC 15

RESULT 291

US-09-848-754A-2009
; Sequence 2009, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
; FILE REFERENCE: MBHB00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2009
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-2009

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 2e+02;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1054 CTGGCCCCCAACCC 1067
|:|||||
Db 1 CUGCCCCCAACCC 14

RESULT 292

US-09-848-754A-3412
; Sequence 3412, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Epidermal Growth Factor Receptors
; FILE REFERENCE: MBHB00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A

; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3412
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-3412

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 2e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1026 GGAGCTTCGAAGAA 1039
|||:|||||
Db 2 GGAUCUUGAAGAA 15

RESULT 293

US-09-864-636A-814/c
; Sequence 814, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:

; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Bartholomay, Christian
; APPLICANT: Chehak, LuAnne
; TITLE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 814
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-636A-814

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 933 CCTCCTCTTCATTG 946
|||||
Db 16 CCTCCTCTTCATTG 3

RESULT 294

US-09-864-636A-820/c
; Sequence 820, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:

; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Bartholomay, Christian
; APPLICANT: Chehak, LuAnne
; TITLE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 820
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-636A-820

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 933 CCTCCTCTTCATTG 946
|||||
Db 16 CCTCCTCTTCATTG 3

RESULT 295

US-09-740-332-4490
; Sequence 4490, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4490
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-4490

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 2e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1200 ACCACCCUATCAGG 1213
|||||
Db 1 AGCACCCUATCAGG 14

RESULT 296

US-09-817-879-4490
; Sequence 4490, Application US/09817879
; Publication No. US2003017131A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: MBH00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4490
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-4490

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 78.6%; Pred. No. 2e+02;
Matches 11; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1200 ACCACCCUATCAGG 1213
|||||
Db 1 AGCACCCUATCAGG 14

RESULT 297

US-09-864-426A-814/c
; Sequence 814, Application US/09864426A
; Publication No. US20040018489A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Ma, Wu Po
; APPLICANT: Lyamichev, Victor
; APPLICANT: Saisier, Michael
; TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
; FILE REFERENCE: FORS-04946
; CURRENT APPLICATION NUMBER: US/09/864,426A
; CURRENT FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 814
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-426A-814

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 933 CCTCCTCTTCATTG 946
|||||
Db 16 CCTCCTCTTCATTG 3

RESULT 298

US-09-864-426A-820/c
; Sequence 820, Application US/09864426A
; Publication No. US20040018489A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Ma, Wu Po
; APPLICANT: Lyamichev, Victor
; APPLICANT: Saisier, Michael
; TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
; FILE REFERENCE: FORS-04946
; CURRENT APPLICATION NUMBER: US/09/864,426A
; CURRENT FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 820
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-426A-820

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 933 CCTCCTCTTCATTG 946
|||||
Db 16 CCTCCTCTTCATTG 3

RESULT 299

US-10-060-830-202
; Sequence 202, Application US/10060830
; Publication No. US20030032154A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Nguyen, Cung-Tuong
; TITLE OF INVENTION: HUMAN LCCL DOMAIN CONTAINING PROTEIN
; FILE REFERENCE: PB0169


```
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 4343
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-4343

Query Match      0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 914 TTGTCCTTTGCTT 927
Db 15 TTGTCCTTTGACTT 2

RESULT 303
US-10-060-756A-4344/c
; Sequence 4344, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 4344
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-4344

Query Match      0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 914 TTGTCCTTTGCTT 927
Db 14 TTGTCCTTTGACTT 1

RESULT 304
US-10-060-998-311/c
; Sequence 311, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 313

; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 311
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-998-311

Query Match      0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1122 CAGTTCACCTTCA 1135
Db 17 CAGTTCACCTTCA 4

RESULT 305
US-10-060-998-312/c
; Sequence 312, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 312
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-998-312

Query Match      0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1122 CAGTTCACCTTCA 1135
Db 16 CAGTTCACCTTCA 3

RESULT 306
US-10-060-998-313/c
; Sequence 313, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/006666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 313
```


; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5186
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-5186

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1049 AGCCCTGGCCCCA 1062
Db 16 AGCCCCAGGCCCA 3

RESULT 312

US-10-156-306-5187/c
; Sequence 5187, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:

; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Level:
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5187
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-5187

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1049 AGCCCTGGCCCCA 1062
Db 15 AGCCCCAGGCCCA 2

RESULT 313

US-10-156-306-7112/c
; Sequence 7112, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:

; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Level:
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7112
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-7112

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1049 AGCCCTGGCCCCA 1062
Db 14 AGCCCCAGGCCCA 1

RESULT 314

US-10-238-700-2963
; Sequence 2963, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level:
; FILE REFERENCE: 400/057 (MBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2963
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-2963

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 2e+02;
Matches 12; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1231 GCGACAGCCCTCGC 1244
Db 3 GCGACAGCCCUCCC 16

RESULT 315

US-10-238-700-3297/c
; Sequence 3297, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level:
; FILE REFERENCE: 400/057 (MBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3297
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-3297

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 92.9%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1180 GCTCCCGCAGAGA 1193
Db 17 GCTCCCGCAGAGA 4

RESULT 316

US-10-238-700-3351
; Sequence 3351, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James

; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1807
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-1807

Query Match 0.6%; Score 12.4; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 2e+02;
Matches 10; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 1506 GCTGGAGCTGCTGG 1519
||:||||:||||
Db 2 GCUGAGGUGCUGG 15

RESULT 320
US-10-303-109A-30/c
; Sequence 30, Application US/10303109A
; Publication No. US20030194726A1
; GENERAL INFORMATION:
; APPLICANT: BOLCHAKOVA, Elena
; APPLICANT: ROZZELLE, James
; TITLE OF INVENTION: Thermus Oshimai Nucleic Acid Polymerases
; FILE REFERENCE: 4777US
; CURRENT APPLICATION NUMBER: US/10/303.109A
; CURRENT FILING DATE: 2002-11-22
; PRIOR APPLICATION NUMBER: US 60/334,798
; PRIOR FILING DATE: 2001-11-30
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 30
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Thermus oshimai
US-10-303-109A-30

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 301 CTGGAGCTGTGGTGGG 317
|||||:|||||
Db 17 CTGGAGCTGTGGTGGG 1

RESULT 321
US-10-302-817A-51/c
; Sequence 51, Application US/10302817A
; Publication No. US20030198978A1
; GENERAL INFORMATION:
; APPLICANT: ROZZELLE, James
; APPLICANT: BOLCHAKOVA, Elena
; TITLE OF INVENTION: THERMUS BROCKIANUS NUCLEIC ACID POLYMERASES
; FILE REFERENCE: 4768US
; CURRENT APPLICATION NUMBER: US/10/302,817A
; CURRENT FILING DATE: 2002-11-22
; PRIOR APPLICATION NUMBER: 60/334,434
; PRIOR FILING DATE: 2001-11-30
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 51
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Thermus brockianus
US-10-302-817A-51

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 301 CTGGAGCTGTGGTGGG 317
|||||:|||||

Db 17 CTGGAGCTGTGGTGGG 1

RESULT 322
US-09-866-108-308
; Sequence 308, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 308
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-308

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1013 CTGAAAAGAGGGGAG 1029
|||||:|||||
Db 1 CTGAAAAGAGGGGAG 17

RESULT 323
US-09-866-108-1180
; Sequence 1180, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 1180
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-1180

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1015 GAAGAAGGGGGAGCT 1031
Db 1 GACAAAGAGGGGTGCT 17

RESULT 324
US-09-866-108-2033/c
Sequence 2033, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 2033
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-2033

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 750 GTGCACCTGCCATGCAG 766
Db 17 GGGCACCTTCCTGCAG 1

RESULT 325
US-09-866-108-2034/c
Sequence 2034, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664

Tue Mar 2 06:29:59 2004

PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 2034
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-2034

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 749 TGTGACCTGCGATGCA 765
DB 17 TGGGACCTTCCCTGCA 1

RESULT 326
US-09-866-108-2680/c
Sequence 2680, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
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PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 2680
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-2680

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1172 ACTTGGGCTCCCCG 1188
DB 17 ACTTGCAGGCCCGC 1

RESULT 327
US-09-866-108-6062/c
Sequence 6062, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels

RESULT 330
US-09-866-108-10588/c
; Sequence 10588, Application US/09866108
; Patent No. US20020048800A1

```
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharron G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: A6MICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
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/ PRIOR FILING DATE: 2001-01-30
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/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Aemica Sequence Listing Engine
/ SEQ ID NO 10588
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108-10588
```

```
Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 1022 AGGGGAGCTTCAAGCA 1038
DB 17 AAGGCAGCTTCAAGCA 1
```

```
RESULT 331
US-09-998-467
/ Sequence 467, Application US/09827998
/ Patent No. US2002010225A1
/ GENERAL INFORMATION:
/ APPLICANT: Gu, Yizhong
/ APPLICANT: Shannon, Mark
/ TITLE OF INVENTION: NOVEL ISOFORMS OF HUMAN PREGNANCY-ASSOCIATED PROTEIN E
/ FILE REFERENCE: MDMORE-8
/ CURRENT APPLICATION NUMBER: US/09/827,998
/ CURRENT FILING DATE: 2001-04-06
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: US 60/236,359
```

```
/ PRIOR FILING DATE: 2000-09-27
/ NUMBER OF SEQ ID NOS: 1881
/ SOFTWARE: Aemica Sequence Listing Engine
/ SEQ ID NO 467
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-827-998-467
```

```
Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 1013 CTGAAAAAGAGGGGAG 1029
DB 1 CTGAGAGAGAGGGGGG 17
```

```
RESULT 332
US-09-864-785-336
/ Sequence 336, Application US/09864785
/ Patent No. US20020177568A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: Draper, Ken
/ APPLICANT: McSwiggen, Jim
/ TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
/ FILE REFERENCE: 400/022 (MBH00-812-D)
/ CURRENT APPLICATION NUMBER: US/09/864,785
/ CURRENT FILING DATE: 2001-05-23
/ NUMBER OF SEQ ID NOS: 3929
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 336
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-336
```

```
Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 2.3e+02;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 1082 CTCGAGGCTTCACCCC 1098
DB 1 CCCGAGGCUCCAGCCCC 17
```

```
RESULT 333
US-09-864-785-389
/ Sequence 389, Application US/09864785
/ Patent No. US20020177568A1
/ GENERAL INFORMATION:
/ APPLICANT: Ribozyme Pharmaceuticals, Inc.
/ APPLICANT: Stinchcomb, Dan
/ APPLICANT: Draper, Ken
/ APPLICANT: McSwiggen, Jim
/ TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
/ FILE REFERENCE: 400/022 (MBH00-812-D)
/ CURRENT APPLICATION NUMBER: US/09/864,785
/ CURRENT FILING DATE: 2001-05-23
/ NUMBER OF SEQ ID NOS: 3929
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 389
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
```

US-09-864-785-389

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 2.3e+02;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1051 CCCCTGGCCCCAACCC 1067

Db 1 CACUGCCCCCAAGCCC 17

RESULT 334

US-09-825-805-520
; Sequence 520, Application US/09825805
; Publication No. US20030004122A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
; FILE REFERENCE: MBH800-831-F (400/009)
; CURRENT APPLICATION NUMBER: US/09/825,805
; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: 09/578,223
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 09/476,387
; PRIOR FILING DATE: 1999-12-30
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-11-05
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1558
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 520
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-825-805-520

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 2.3e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 785 ACCAGTGCTGCTCTGT 801

Db 1 ACCAGUGUGGCGCUGU 17

RESULT 335

US-09-825-805-873/c
; Sequence 873, Application US/09825805
; Publication No. US20030004122A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
; FILE REFERENCE: MBH800-831-F (400/009)
; CURRENT APPLICATION NUMBER: US/09/825,805

; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: 09/578,223
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 09/476,387
; PRIOR FILING DATE: 1999-12-30
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1558
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 873
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-825-805-873

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 884 CCACAGTCTGCTGCCC 900

Db 17 CCCAGTCTGCTCTCCTC 1

RESULT 336

US-09-870-002-27
; Sequence 27, Application US/09870002
; Publication No. US20030013670A1
; GENERAL INFORMATION:
; APPLICANT: Monia, B.P., Cowsett, L.M. and Manoharan, M.
; TITLE OF INVENTION: Antisense Oligonucleotide Inhibition of ras
; NUMBER OF SEQUENCES: 55
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM COMPATIBLE
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.1 for WINDOWS
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/870,002
; FILING DATE: 30-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/575,554
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0463
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (856) 810-1515
; TELEFAX: (856) 810-1454
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes

```

; SEQUENCE DESCRIPTION: SEQ ID NO: 27:
US-09-870-002-27
  Query Match      0.6%; Score 12.2; DB 1; Length 17;
  Best Local Similarity 82.4%; Pred. No. 2.3e+02;
  Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1131 CTTCACTCCAGCTCCA 1147
Db 1 CTACGCCACCAGCTCCA 17

RESULT 337
US-09-756-830A-2
; Sequence 2, Application US/09756830A
; Publication No. US20030049616A1
; GENERAL INFORMATION:
; APPLICANT: Brenner, Sydney
; APPLICANT: Williams, Steven R.
; TITLE OF INVENTION: Enzymatic Synthesis of Oligonucleotide
; FILE REFERENCE: 5525-0046.30
; CURRENT APPLICATION NUMBER: US/09/756,830A
; CURRENT FILING DATE: 2001-01-08
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-09-756-830A-2

  Query Match      0.6%; Score 12.2; DB 1; Length 17;
  Best Local Similarity 82.4%; Pred. No. 2.3e+02;
  Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1007 CGACACCTGAAAGAG 1023
Db 1 CGACACCTGCAGAGGAG 17

RESULT 338
US-09-730-289B-1071
; Sequence 1071, Application US/09730289B
; Publication No. US20030050259A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwigen, Jim
; TITLE OF INVENTION: Method and Reagent for Treatment of Cardiac Disease
; FILE REFERENCE: MBHB00-864-A (400/006)
; CURRENT APPLICATION NUMBER: US/09/730,289B
; CURRENT FILING DATE: 2000-12-05
; PRIOR APPLICATION NUMBER: US 60/169,100
; PRIOR FILING DATE: 1999-12-06
; NUMBER OF SEQ ID NOS: 3897
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1071
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-730-289B-1071

  Query Match      0.6%; Score 12.2; DB 1; Length 17;
  Best Local Similarity 64.7%; Pred. No. 2.3e+02;
  Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 805 AACTGTAGAAAGCCT 821
Db 1 AGCUAUAAGAGGCCU 17

; SEQUENCE DESCRIPTION: SEQ ID NO: 27:
US-09-818-875-3630
; Sequence 3630, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Camper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 3630
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-3630

  Query Match      0.6%; Score 12.2; DB 1; Length 17;
  Best Local Similarity 82.4%; Pred. No. 2.3e+02;
  Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1142 GCTCCACCTATACCCC 1158
Db 1 GCTCCACCTGCATCCCC 17

RESULT 340
US-09-818-875-3631/c
; Sequence 3631, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Camper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 3631
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-3631

  Query Match      0.6%; Score 12.2; DB 1; Length 17;
  Best Local Similarity 82.4%; Pred. No. 2.3e+02;
  Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1142 GCTCCACCTATACCCC 1158
```


Db 17 GCTCCACCTGCATCCCC 1

RESULT 341

US-09-780-533A-1807/c
; Sequence 1807, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haeberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MBH00.878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1807
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-1807

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1128 CACCTTCACCTCCAGCT 1144

Db 17 CTCGAGCACCTCCAGCT 1

RESULT 342

US-09-877-478-397/c
; Sequence 397, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 397
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus

US-09-877-478-397

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 828 CAGGAAGTTGCTCCTAC 844

Db 17 CACCAATTATGCTCCTAC 1

RESULT 343

US-09-877-478-1387
; Sequence 1387, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1387
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-1387

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 2.3e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1085 CAGGCTTCACCCACC 1101

Db 1 CAGGGUUCACCCUCC 17

RESULT 344

US-09-877-478-2180
; Sequence 2180, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712

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Tue Mar 2 06:29:59 2004

; PRIOR FILING DATE: 1992-05-14
 ; PRIOR APPLICATION NUMBER: US 09/531,025
 ; PRIOR FILING DATE: 2000-03-20
 ; PRIOR APPLICATION NUMBER: US 09/636,385
 ; PRIOR FILING DATE: 2000-08-09
 ; PRIOR APPLICATION NUMBER: US 09/696,347
 ; PRIOR FILING DATE: 2000-10-24
 ; PRIOR APPLICATION NUMBER: US 08/193,627
 ; PRIOR FILING DATE: 1994-02-07
 ; PRIOR APPLICATION NUMBER: US 08/433,993
 ; PRIOR FILING DATE: 1995-05-04
 ; PRIOR APPLICATION NUMBER: US 08/434,504
 ; PRIOR FILING DATE: 1995-05-04
 ; PRIOR APPLICATION NUMBER: US 09/436,430
 ; PRIOR FILING DATE: 1999-11-08
 ; NUMBER OF SEQ ID NOS: 6586
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 2180
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Hepatitis B virus
 ; US-09-877-478-2180

Query Match 0.6%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 70.6%; Pred. No. 2.3e+02;
 Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1085 CAGGCTTCACCCGCC 1101
 ||||| :|||||
 Db 1 CAGGGUUCACCCGCC 17

RESULT 345
 US-09-877-478-2272
 ; Sequence 2272, Application US/09877478
 ; Publication No. US20030068301A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Draper, Kenneth
 ; APPLICANT: Blatt, Larry
 ; APPLICANT: McSwiggan, Jim
 ; APPLICANT: Morrissey, Dave
 ; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
 ; FILE REFERENCE: MBH00-845-H (400/029)
 ; CURRENT APPLICATION NUMBER: US/09/877,478
 ; CURRENT FILING DATE: 2001-12-31
 ; PRIOR APPLICATION NUMBER: US 07/882,712
 ; PRIOR FILING DATE: 1992-05-14
 ; PRIOR APPLICATION NUMBER: US 09/531,025
 ; PRIOR FILING DATE: 2000-03-20
 ; PRIOR APPLICATION NUMBER: US 09/636,385
 ; PRIOR FILING DATE: 2000-08-09
 ; PRIOR APPLICATION NUMBER: US 09/696,347
 ; PRIOR FILING DATE: 2000-10-24
 ; PRIOR APPLICATION NUMBER: US 08/193,627
 ; PRIOR FILING DATE: 1994-02-07
 ; PRIOR APPLICATION NUMBER: US 08/433,993
 ; PRIOR FILING DATE: 1995-05-04
 ; PRIOR APPLICATION NUMBER: US 08/434,504
 ; PRIOR FILING DATE: 1995-05-04
 ; PRIOR APPLICATION NUMBER: US 09/436,430
 ; PRIOR FILING DATE: 1999-11-08
 ; NUMBER OF SEQ ID NOS: 6586
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 2272
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Hepatitis B virus
 ; US-09-877-478-2272

Query Match 0.6%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 70.6%; Pred. No. 2.3e+02;
 Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1016 AAAAAGAGGGGAGCTT 1032
 ||||| :|||
 Db 1 AAAAAGAUGGGGAUUAU 17

RESULT 346
 US-09-848-754A-420/c
 ; Sequence 420, Application US/09848754A
 ; Publication No. US20030073207A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
 ; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
 ; FILE REFERENCE: MBH00-958-I (400/018)
 ; CURRENT APPLICATION NUMBER: US/09/848,754A
 ; CURRENT FILING DATE: 2001-05-03
 ; NUMBER OF SEQ ID NOS: 9645
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 420
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 ; US-09-848-754A-420

Query Match 0.6%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 82.4%; Pred. No. 2.3e+02;
 Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 889 GTGCTGTGCCCCCTGGT 905
 ||||| :|||||
 Db 17 GTGCTGTGACACAGGT 1

RESULT 347
 US-09-848-754A-1405
 ; Sequence 1405, Application US/09848754A
 ; Publication No. US20030073207A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
 ; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
 ; FILE REFERENCE: MBH00-958-I (400/018)
 ; CURRENT APPLICATION NUMBER: US/09/848,754A
 ; CURRENT FILING DATE: 2001-05-03
 ; NUMBER OF SEQ ID NOS: 9645
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 1405
 ; LENGTH: 17
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 ; US-09-848-754A-1405

Query Match 0.6%; Score 12.2; DB 1; Length 17;
 Best Local Similarity 70.6%; Pred. No. 2.3e+02;
 Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1088 GCTTCACCCGCCCTG 1104
 || :|||||
 Db 1 GCCUCACCCGCCCG 17

RESULT 348
 US-09-848-754A-3092/c
 ; Sequence 3092, Application US/09848754A
 ; Publication No. US20030073207A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
 ; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
 ; FILE REFERENCE: MBH00-958-I (400/018)
 ; CURRENT APPLICATION NUMBER: US/09/848,754A
 ; CURRENT FILING DATE: 2001-05-03

; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3092
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-848-754A-3092

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1175 TTGGGGCTCCCGGAGA 1191
Db 17 TCGTGTCTCCCGGAGA 1

RESULT 349
US-09-930-423-803/c
; Sequence 803, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MHB00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 803
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-803

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1020 AGAGGGGAGCTTGAAG 1036
Db 17 AGAGTGGCAGCATGAAG 1

RESULT 350
US-09-930-423-1272
; Sequence 1272, Application US/09930423
; Publication No. US20030092003A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Treatment of Alzheimer's Disease
; FILE REFERENCE: MHB00,918-A 400/027
; CURRENT APPLICATION NUMBER: US/09/930,423
; CURRENT FILING DATE: 2001-08-15
; NUMBER OF SEQ ID NOS: 4553
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1272
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo Sapiens
US-09-930-423-1272

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 2.3e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 766 GGTTCCTTTCTAAGAGA 782
Db 1 GGUUCUGGCUAGGAGA 17

RESULT 351
US-09-780-164-391
; Sequence 391, Application US/09780164
; Publication No. US20030092646A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Inhibition of CD20
; FILE REFERENCE: 400/010
; CURRENT APPLICATION NUMBER: US/09/780,164
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/185,516
; PRIOR FILING DATE: 2000-02-28
; NUMBER OF SEQ ID NOS: 2603
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 391
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-164-391

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 2.3e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1060 CCAAACCCAGCTTCAG 1076
Db 1 CCAAACCCAGCTTCAG 17

RESULT 352
US-09-827-395A-233/c
; Sequence 233, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowli
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor
; FILE REFERENCE: MHB00-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 233
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-827-395A-233

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1110 CAGTCCCGTCCCGAGTT 1126
Db 17 CAGCCCGGCGCCAGCT 1

RESULT 353
US-09-827-395A-356
; Sequence 356, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.

```

; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowrira
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor G
; FILE REFERENCE: MBHB00-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR FILING DATE: 2001-02-09
; PRIOR FILING DATE: 2001-02-09
; PRIOR FILING DATE: 2001-02-09
; PRIOR FILING DATE: 2001-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 356
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-827-395A-356

Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 2.3e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 1093 ACCCCACCTGGGCTT 1109
Db 1 ACGCCACCTGGGCTT 17

RESULT 354
US-09-827-395A-524
; Sequence 524, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowrira
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor G
; FILE REFERENCE: MBHB00-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR FILING DATE: 2001-02-09
; PRIOR FILING DATE: 2001-02-09
; PRIOR FILING DATE: 2001-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 524
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-827-395A-524

Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 2.3e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 1127 CCACCTTCACCTCCAGC 1143
Db 1 CCAGCCUCCAGCCGACG 17

RESULT 355
US-09-827-395A-527
; Sequence 527, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowrira
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor G
; FILE REFERENCE: MBHB00-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR FILING DATE: 2001-02-09
; PRIOR FILING DATE: 2001-02-09
; PRIOR FILING DATE: 2001-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 527
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-827-395A-527

Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 2.3e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 1133 TCACCTCCAGCTCCACC 1149
Db 1 UCACCCUCCAGCCUCCACC 17

RESULT 356
US-09-827-395A-629/C
; Sequence 629, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowrira
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor G
; FILE REFERENCE: MBHB00-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR FILING DATE: 2001-02-09
; PRIOR FILING DATE: 2001-02-09
; PRIOR FILING DATE: 2001-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 629
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-827-395A-629

Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1112 GTCCCGTGCCCGAGTTCC 1128
Db 17 GCCCGCGGCCCGAGCTCC 1

RESULT 357
US-09-827-395A-675
; Sequence 675, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowrira
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor G
; FILE REFERENCE: MBHB00-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR FILING DATE: 2001-02-09
; PRIOR FILING DATE: 2001-02-09
; PRIOR FILING DATE: 2001-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 675
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-827-395A-675
```

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 2.3e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;
QY 1118 TGCCAGATTCCACCTTC 1134
DB 1 UGCCCAUUGCCACCGC 17

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 2.3e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1043 CTACTAAGCCCTGGCC 1059
DB 1 CCACUGAGGCCUGGCC 17

RESULT 358
US-09-888-056A-23
Sequence 23, Application US/09888056A
Publication No. US20030124524A1
GENERAL INFORMATION:
APPLICANT: KORMAN, KENNETH S.
APPLICANT: DUFF, GORDON W.
TITLE OF INVENTION: SCREENING ASSAYS FOR IDENTIFYING MODULATORS OF THE
TITLE OF INVENTION: INFLAMMATORY OR IMMUNE RESPONSE
FILE REFERENCE: MSA-023.01
CURRENT APPLICATION NUMBER: US/09/888,056A
CURRENT FILING DATE: 2002-05-06
PRIOR APPLICATION NUMBER: 60/213,853
PRIOR FILING DATE: 2000-06-23
NUMBER OF SEQ ID NOS: 30
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 23
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Probe

US-09-888-056A-23
Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1250 ACCCATCCCAACCC 1266
DB 1 ACCCGTCCCATGCC 17

RESULT 359
US-09-888-056A-23
Sequence 23, Application US/09888056A
Publication No. US20030124524A1
GENERAL INFORMATION:
APPLICANT: KORMAN, KENNETH S.
APPLICANT: DUFF, GORDON W.
TITLE OF INVENTION: SCREENING ASSAYS FOR IDENTIFYING MODULATORS OF THE
TITLE OF INVENTION: INFLAMMATORY OR IMMUNE RESPONSE
FILE REFERENCE: MSA-023.01
CURRENT APPLICATION NUMBER: US/09/888,056A
CURRENT FILING DATE: 2002-05-06
PRIOR APPLICATION NUMBER: 60/213,853
PRIOR FILING DATE: 2000-06-23
NUMBER OF SEQ ID NOS: 30
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 23
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Probe

US-09-888-056A-23
Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1250 ACCCATCCCAACCC 1266
DB 1 ACCCGTCCCATGCC 17

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 2.3e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;
QY 1118 TGCCAGATTCCACCTTC 1134
DB 1 UGCCCAUUGCCACCGC 17

RESULT 360
US-09-740-332-2472/c
Sequence 2472, Application US/09740332
Publication No. US20030125270A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rel
TITLE OF INVENTION: Hepatitis C Virus Infection
FILE REFERENCE: RPI 400/003
CURRENT APPLICATION NUMBER: US/09/740,332
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9704
SOFTWARE: PatentIn version 3.0
SEQ ID NO 2472
LENGTH: 17
TYPE: RNA
ORGANISM: artificial sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION:
OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-2472

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 900 CCTGTCATTTTCTTTG 916
DB 17 CCTGTCATTTTCTTTG 1

RESULT 361
US-09-740-332-3288/c
Sequence 3288, Application US/09740332
Publication No. US20030125270A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals Inc.
TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rel
TITLE OF INVENTION: Hepatitis C Virus Infection
FILE REFERENCE: RPI 400/003
CURRENT APPLICATION NUMBER: US/09/740,332
CURRENT FILING DATE: 2001-03-26
NUMBER OF SEQ ID NOS: 9704
SOFTWARE: PatentIn version 3.0
SEQ ID NO 3288
LENGTH: 17
TYPE: RNA
ORGANISM: artificial sequence
FEATURE:
NAME/KEY: misc_feature
LOCATION:
OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-3288

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1092 CACCCCACTGGGCT 1108
DB 17 CACCCCACTGGGCT 1

```

; CURRENT FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 4550
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1272
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-745-237A-1272

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 2.3e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY      766  GGTTCCTTCTTAAGAGA 782
          ||::||: ||:||||
Db       1  GGUUUCUGGCUAGGAGA 17

RESULT 365
US-09-817-879-1784
; Sequence 1784, Application US/09817879
; Publication No. US2003017131A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Re.
; TITLE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: MBH00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1784
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-1784

Query Match          0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 2.3e+02;
Matches 11; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY      1118  TGCCAGTTCACCTTC 1134
          :||||: |||||:|
Db       1  UGCCCAUUGCCACCUGC 17

RESULT 366
US-09-817-879-2472/c
; Sequence 2472, Application US/09817879
; Publication No. US2003017131A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Re.
; TITLE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: MBH00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2472
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-2472

```

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 900 CCTGTCATTTCTTGG 916
Db 17 CCTGTCGTTATCTGTG 1

RESULT 367
US-09-817-879-3288/c
; Sequence 3288, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: MEHB00-801-F
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3288
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-3288

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1092 CACCCACCTGGGCT 1108
Db 17 CACCCCATCTGGGAT 1

RESULT 368
US-09-817-879-3559
; Sequence 3559, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: MEHB00-801-F
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3559
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-3559

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 2.3e+02;
Matches 10; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 883 ACCACAGTCTGTGCC 899
Db 1 ACCUAGUCUCUGGCC 17

RESULT 369
US-10-060-830-209
; Sequence 209, Application US/10060830
; Publication No. US20030032154A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Nguyen, Cung-Tuong
; TITLE OF INVENTION: HUMAN LCCL DOMAIN CONTAINING PROTEIN
; FILE REFERENCE: PB0169
; CURRENT APPLICATION NUMBER: US/10/060,830
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/325,062
; PRIOR FILING DATE: 2001-09-25
; NUMBER OF SEQ ID NOS: 1123
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 209
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-830-209

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 883 ACCACAGTCTGTGCC 899
Db 1 ACCACAGTCTGTGCAGGC 17

RESULT 370
US-10-060-756A-1822/c
; Sequence 1822, Application US/10060756A
; Publication No. US20030045717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1822

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 762 TCCAGGTTCTTTCTAA 778
Db 1 TCCAGGTTTTTAICTAA 17

RESULT 373
US-10-060-998-487

; Sequence 487, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 487
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-998-487

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 935 TCCTCTCATGTGTTTA 951
Db 1 TCTTCTCATGTGTTTA 17

RESULT 374
US-10-060-998-490

; Sequence 490, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 490
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-998-490

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 938 TCTTCATGTGTTTAAAG 954
Db 1 TCTTCATGTGTTTAAAG 17

Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1122 CAGTCCACCTTCACT 1138
Db 17 CAGTCCATGTTCACT 1

RESULT 371
US-10-060-998-50

; Sequence 50, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 50
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-998-50

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 761 ATCCAGGTTCTTTCTA 777
Db 1 ATCCAGGTTTTTAICTA 17

RESULT 372
US-10-060-998-51

; Sequence 51, Application US/10060998
; Publication No. US20030104530A1
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 51
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-998-51

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;

RESULT 375

US-10-163-552-454
; Sequence 454, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level
; TITLE OF INVENTION: HER2
; FILE REFERENCE: MBHB01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 454
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-454

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 52.9%; Pred. No. 2.3e+02;
Matches 9; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 785 ACAGTGTCTCTCTGT 801
|||:|:|:|:|:
Db 1 ACCAGUGUGGCCUGU 17

RESULT 376

US-10-163-552-931/c
; Sequence 931, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level
; TITLE OF INVENTION: HER2
; FILE REFERENCE: MBHB01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 931
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-931

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 884 CCACAGTGTGTGCC 900
|||:|:|:|:|:
Db 17 CCCAGTGTGTCTCTC 17

RESULT 377

US-10-163-552-932/c
; Sequence 932, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to level
; TITLE OF INVENTION: HER2
; FILE REFERENCE: MBHB01-1653-A (400/014)
; CURRENT APPLICATION NUMBER: US/10/163,552
; CURRENT FILING DATE: 2002-06-06
; NUMBER OF SEQ ID NOS: 1997
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 932

; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-163-552-932

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 882 CACACAGTGTGTGCC 898
|||:|:|:|:|:
Db 17 CTCCCCAGTGTGTCTC 17

RESULT 378

US-10-156-306-1602/c
; Sequence 1602, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1602
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-1602

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 908 TTTTCTTTGGCTTTTTC 924
|||:|:|:|:|:
Db 17 TTTTCTTTGGCTTTTTC 17

RESULT 379

US-10-156-306-2331
; Sequence 2331, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2331
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-2331

Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 2.3e+02;
Matches 13; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1023 GGGGGAGCTTGAAGAA 1039
|||:|:|:|:|:
Db 1 GGGGGAGCTTGAAGAA 17

RESULT 380

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US-10-156-306-3554/c
; Sequence 3554, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3554
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-3554
Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1126 TCCACCTTCACCTCCAG 1142
DB 17 TCTACCTTCACCTCTGT 1

RESULT 381
US-10-156-306-5114
; Sequence 5114, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5114
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-5114
Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1126 TCCACCTTCACCTCCAG 1142
DB 17 TCTACCTTCACCTCTGT 1

RESULT 382
US-10-156-306-426/c
; Sequence 426, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH01-1158-A
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666

QY 838 TGCCTACCCGAGATTGA 854
DB 1 UGCCUAGCCGAGGAUGA 17

RESULT 383
US-10-238-700-3585
; Sequence 3585, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: 400/057 (MBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3585
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-3585
Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 70.6%; Pred. No. 2.3e+02;
Matches 12; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1208 ATCAGGGGGCTGACCCC 1224
DB 1 AUGUGGAGCUGACCCC 17

RESULT 384
US-10-061-201-823/c
; Sequence 823, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670

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; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1291
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1291

Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1028 AGCTTGAAGGAAGTACT 1044
Db 17 AGCTGGAAGGAAGTCT 1

RESULT 387
US-10-061-201-1423
; Sequence 1423, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1169
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1169

Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 851 TTGAGAATGTTAAGGCG 867
Db 17 TTGAGAGTTCAGGCG 1

RESULT 386
US-10-061-201-1291/c
; Sequence 1291, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1169
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1169
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 823
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-823

Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1183 CCCCGCAGAGGTGGC 1199
Db 17 CCTGCAGAGCGGGGC 1

RESULT 385
US-10-061-201-1169/c
; Sequence 1169, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1169
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1169

Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 851 TTGAGAATGTTAAGGCG 867
Db 17 TTGAGAGTTCAGGCG 1

RESULT 386
US-10-061-201-1291/c
; Sequence 1291, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1169
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1169
```

Query Match	Score 12.2;	DB 1;	Length 17;
Best Local Similarity	82.4%;	Pred. No. 2.3e+02;	
Matches 14;	Conservative 0;	Mismatches 3;	Indels 0;
<p>US-10-061-201-1423</p> <p>Query Match 0.6%; Score 12.2; DB 1; Length 17;</p> <p>Best Local Similarity 82.4%; Pred. No. 2.3e+02;</p> <p>Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;</p>			
QY	1037 GAACCTACTAGCCCT 1053		
DB	1 GCACCTCTACTAGCCCT 17		
<p>RESULT 388</p> <p>US-10-061-201-1425</p> <p>Sequence 1425, Application US/10061201</p> <p>Publication No. US20030166229A1</p> <p>GENERAL INFORMATION:</p> <p>APPLICANT: Shannon, Mark</p> <p>TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1</p> <p>FILE REFERENCE: PB0178</p> <p>CURRENT APPLICATION NUMBER: US/10/061,201</p> <p>CURRENT FILING DATE: 2002-01-30</p> <p>PRIOR APPLICATION NUMBER: PCT/US01/00666</p> <p>PRIOR FILING DATE: 2001-01-30</p> <p>PRIOR APPLICATION NUMBER: PCT/US01/00667</p> <p>PRIOR FILING DATE: 2001-01-30</p> <p>PRIOR APPLICATION NUMBER: PCT/US01/00664</p> <p>PRIOR FILING DATE: 2001-01-30</p> <p>PRIOR APPLICATION NUMBER: PCT/US01/00669</p> <p>PRIOR FILING DATE: 2001-01-30</p> <p>PRIOR APPLICATION NUMBER: PCT/US01/00665</p> <p>PRIOR FILING DATE: 2001-01-30</p> <p>PRIOR APPLICATION NUMBER: PCT/US01/00668</p> <p>PRIOR FILING DATE: 2001-01-30</p> <p>PRIOR APPLICATION NUMBER: PCT/US01/00663</p> <p>PRIOR FILING DATE: 2001-01-30</p> <p>PRIOR APPLICATION NUMBER: PCT/US01/00670</p> <p>PRIOR FILING DATE: 2001-01-30</p> <p>PRIOR APPLICATION NUMBER: US 09/864,761</p> <p>PRIOR FILING DATE: 2001-05-23</p> <p>PRIOR APPLICATION NUMBER: US 60/328,205</p> <p>PRIOR FILING DATE: 2001-10-10</p> <p>SOFTWARE: Aecomica Sequence Listing Engine</p> <p>SEQ ID NO 1425</p> <p>LENGTH: 17</p> <p>TYPE: DNA</p> <p>ORGANISM: Homo sapiens</p> <p>US-10-061-201-1425</p>			
QY	1039 ACTACTACTAGCCCT 1055		
DB	1 ACTCTACTAGCCCT 17		
<p>RESULT 389</p> <p>US-10-061-201-1426</p> <p>Sequence 1426, Application US/10061201</p> <p>Publication No. US20030166229A1</p> <p>GENERAL INFORMATION:</p> <p>APPLICANT: Shannon, Mark</p> <p>TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1</p> <p>FILE REFERENCE: PB0178</p> <p>CURRENT APPLICATION NUMBER: US/10/061,201</p> <p>CURRENT FILING DATE: 2002-01-30</p> <p>PRIOR APPLICATION NUMBER: PCT/US01/00666</p> <p>PRIOR FILING DATE: 2001-01-30</p> <p>PRIOR APPLICATION NUMBER: PCT/US01/00667</p> <p>PRIOR FILING DATE: 2001-01-30</p> <p>PRIOR APPLICATION NUMBER: PCT/US01/00664</p> <p>PRIOR FILING DATE: 2001-01-30</p> <p>PRIOR APPLICATION NUMBER: PCT/US01/00669</p> <p>PRIOR FILING DATE: 2001-01-30</p> <p>PRIOR APPLICATION NUMBER: PCT/US01/00665</p> <p>PRIOR FILING DATE: 2001-01-30</p> <p>PRIOR APPLICATION NUMBER: PCT/US01/00668</p> <p>PRIOR FILING DATE: 2001-01-30</p> <p>PRIOR APPLICATION NUMBER: PCT/US01/00663</p> <p>PRIOR FILING DATE: 2001-01-30</p> <p>PRIOR APPLICATION NUMBER: PCT/US01/00670</p> <p>PRIOR FILING DATE: 2001-01-30</p> <p>PRIOR APPLICATION NUMBER: US 09/864,761</p> <p>PRIOR FILING DATE: 2001-05-23</p> <p>PRIOR APPLICATION NUMBER: US 60/328,205</p> <p>PRIOR FILING DATE: 2001-10-10</p> <p>SOFTWARE: Aecomica Sequence Listing Engine</p> <p>SEQ ID NO 1425</p> <p>LENGTH: 17</p> <p>TYPE: DNA</p> <p>ORGANISM: Homo sapiens</p> <p>US-10-061-201-1425</p>			
QY	1040 CTACTACTAGCCCTG 1056		
DB	1 CTCCTACTAGCCCTG 17		
<p>RESULT 390</p> <p>US-10-061-201-1427</p> <p>Sequence 1427, Application US/10061201</p> <p>Publication No. US20030166229A1</p> <p>GENERAL INFORMATION:</p> <p>APPLICANT: Shannon, Mark</p> <p>TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1</p> <p>FILE REFERENCE: PB0178</p> <p>CURRENT APPLICATION NUMBER: US/10/061,201</p> <p>CURRENT FILING DATE: 2002-01-30</p> <p>PRIOR APPLICATION NUMBER: PCT/US01/00666</p> <p>PRIOR FILING DATE: 2001-01-30</p> <p>PRIOR APPLICATION NUMBER: PCT/US01/00667</p> <p>PRIOR FILING DATE: 2001-01-30</p> <p>PRIOR APPLICATION NUMBER: PCT/US01/00664</p> <p>PRIOR FILING DATE: 2001-01-30</p> <p>PRIOR APPLICATION NUMBER: PCT/US01/00669</p> <p>PRIOR FILING DATE: 2001-01-30</p> <p>PRIOR APPLICATION NUMBER: PCT/US01/00665</p> <p>PRIOR FILING DATE: 2001-01-30</p> <p>PRIOR APPLICATION NUMBER: PCT/US01/00668</p> <p>PRIOR FILING DATE: 2001-01-30</p> <p>PRIOR APPLICATION NUMBER: PCT/US01/00663</p> <p>PRIOR FILING DATE: 2001-01-30</p> <p>PRIOR APPLICATION NUMBER: PCT/US01/00670</p> <p>PRIOR FILING DATE: 2001-01-30</p> <p>PRIOR APPLICATION NUMBER: US 09/864,761</p> <p>PRIOR FILING DATE: 2001-05-23</p> <p>PRIOR APPLICATION NUMBER: US 60/328,205</p> <p>PRIOR FILING DATE: 2001-10-10</p> <p>SOFTWARE: Aecomica Sequence Listing Engine</p> <p>SEQ ID NO 1427</p> <p>LENGTH: 17</p> <p>TYPE: DNA</p> <p>ORGANISM: Homo sapiens</p> <p>US-10-061-201-1427</p>			

Query Match	0.6%;	Score 12.2;	DB 1;	Length 17;
Best Local Similarity	82.4%;	Pred. No. 2.3e+02;		


```
RESULT 397
US-10-192-192-62/c
; Sequence 62, Application US/10340192
; Publication No. US20030170700A1
; GENERAL INFORMATION:
; APPLICANT: Lynx Therapeutics, Inc.
; APPLICANT: Shang, Jin
; APPLICANT: Bowen, Benjamin A
; TITLE OF INVENTION: SECRETED AND CELL SURFACE POLYPEPTIDES AFFECTED BY CHOLESTEROL AN
; FILE REFERENCE: 37-000610US
; CURRENT APPLICATION NUMBER: US/10/340,192
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 88
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 62
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-340-192-62
Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1289 CCCCAAGCCACAGAGC 1305
DB 17 CCCCAACACACAGATC 1

RESULT 398
US-10-209-787-3630
; Sequence 3630, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 3630
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-3630
Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1142 GCTCCACCTATACCC 1158
DB 1 GCTCCACCTGCATCCCC 17

RESULT 399
US-10-209-787-3630
; Sequence 3630, Application US/10340192
; Publication No. US20030170700A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 3630
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-3630
Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1142 GCTCCACCTATACCC 1158
DB 1 GCTCCACCTGCATCCCC 17

RESULT 399
US-10-209-787-3630
; Sequence 3631, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 3631
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-3631
Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1142 GCTCCACCTATACCC 1158
DB 17 GCTCCACCTGCATCCCC 1

RESULT 400
US-10-307-005-1271/c
; Sequence 1271, Application US/10307005
; Publication No. US20030236208A1
; GENERAL INFORMATION:
; APPLICANT: University of Delaware
; APPLICANT: Eric B. Kmiec
; APPLICANT: Howard B. Gamper
; APPLICANT: Michael C. Rice
; APPLICANT: Jungsup Kim
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations in Plants
; FILE REFERENCE: Napro/009 PCT
; CURRENT APPLICATION NUMBER: US/10/307,005
; CURRENT FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: PCT/US01/17672
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; NUMBER OF SEQ ID NOS: 2717
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 1271
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Triticum aestivum
US-10-307-005-1271
Query Match 0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-261-185-3630

Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1142 GCTCCACCTATACCC 1158
Db 1 GCTCCACCTGCATCC 17

RESULT 403
US-10-261-185-3631/c
; Sequence 3631, Application US/10261185
; Publication No. US20040014057A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4CON
; CURRENT APPLICATION NUMBER: US/10/261,185
; CURRENT FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/09761
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 3631
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-261-185-3631

Query Match      0.6%; Score 12.2; DB 1; Length 17;
Best Local Similarity 82.4%; Pred. No. 2.3e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1142 GCTCCACCTATACCC 1158
Db 17 GCTCCACCTGCATCC 1

RESULT 404
US-10-380-126-75
; Sequence 75, Application US/10380126
; Publication No. US20040029824A1
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-1 EXPRESSION
; FILE REFERENCE: RTSP-0175
; CURRENT APPLICATION NUMBER: US/10/380,126
; CURRENT FILING DATE: 2003-03-10
; PRIOR APPLICATION NUMBER: 09/657,042
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 75
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-380-126-75

Query Match 0.6%; Score 12.2; DB 1; Length 20;
Best Local Similarity 82.4%; Pred. No. 3.4e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1677 CCCACCTTTTCTCGGA 1693
||||| |||||||
DB 4 CCCCCAATTTTCTGGA 20

RESULT 405

US-09-740-332-4706/c
; Sequence 4706, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4706
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Artificial Sequence
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-4706

Query Match 0.6%; Score 12; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1202 CACCCTATCAGG 1213
|||||
DB 13 CACCCTATCAGG 2

RESULT 406

US-09-817-879-4706/c
; Sequence 4706, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: MBH800-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4706
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Artificial Sequence
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-4706

Query Match 0.6%; Score 12; DB 1; Length 13;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1202 CACCCTATCAGG 1213
|||||

Db 13 CACCCTATCAGG 2

RESULT 407

US-09-504-231A-1517
; Sequence 1517, Application US/09504231A
; Patent No. US20020013458A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATED TO HEPATITIS C VIRUS INFECTION
; FILE REFERENCE: rpi 247/282
; CURRENT APPLICATION NUMBER: US/09/504,231A
; CURRENT FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 09/274,553
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3242
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1517
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-1517

Query Match 0.6%; Score 12; DB 1; Length 15;
Best Local Similarity 83.3%; Pred. No. 1.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1202 CACCCTATCAGG 1213
|||||
DB 2 CACCCTATCAGG 13

RESULT 408

US-09-274-553D-1517
; Sequence 1517, Application US/09274553D
; Patent No. US2002008225A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATED TO HEPATITIS C VIRUS INFECTION
; FILE REFERENCE: rpi 247/282
; CURRENT APPLICATION NUMBER: US/09/274,553D
; CURRENT FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3148
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1517
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-1517

Query Match 0.6%; Score 12; DB 1; Length 15;
Best Local Similarity 83.3%; Pred. No. 1.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1202 CACCCTATCAGG 1213
DB 2 CACCCUACAGG 13

RESULT 409

US-09-740-332-4712/c
; Sequence 4712, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4712
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-4712

Query Match 0.6%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1202 CACCCTATCAGG 1213
DB 14 CACCCTATCAGG 3

RESULT 410

US-09-740-332-4753
; Sequence 4753, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4753
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-4753

Query Match 0.6%; Score 12; DB 1; Length 15;
Best Local Similarity 83.3%; Pred. No. 1.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1202 CACCCTATCAGG 1213
DB 14 CACCCTATCAGG 3

Db 1 CACCCUACAGG 12

RESULT 411

US-09-817-879-4712/c
; Sequence 4712, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: MBH00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4712
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-4712

Query Match 0.6%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1202 CACCCTATCAGG 1213
DB 14 CACCCTATCAGG 3

RESULT 412

US-09-817-879-4753
; Sequence 4753, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: MBH00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4753
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-4753

Query Match 0.6%; Score 12; DB 1; Length 15;
Best Local Similarity 83.3%; Pred. No. 1.8e+02;
Matches 10; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1202 CACCCTATCAGG 1213
DB 1 CACCCUACAGG 12

RESULT 413

US-10-440-850-311/c
; Sequence 311, Application US/10440850
; Publication No. US20030207837A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.

```
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Induction of Graft Tolerance and Reversal
; TITLE OF INVENTION: Immune Responses
; FILE REFERENCE: 250/130 (MBH00-900-A)
; CURRENT APPLICATION NUMBER: US/10/440,850
; CURRENT FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: US/09/650,012
; PRIOR FILING DATE: 2000-08-28
; PRIOR APPLICATION NUMBER: US 08/585,684
; PRIOR FILING DATE: 1996-01-12
; PRIOR APPLICATION NUMBER: US 60/000,951
; PRIOR FILING DATE: 1995-07-07
; PRIOR APPLICATION NUMBER: US 09/038,073
; PRIOR FILING DATE: 1998-03-11
; NUMBER OF SEQ ID NOS: 2285
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 311
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Mus musculus
; US-10-440-850-311
```

```
Query Match 0.6%; Score 12; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 1011 ACCTGAAAAAGA 1022
      |||||
Db 12 ACCTGAAAAAGA 1
```

RESULT 414

```
US-09-866-108-303
; Sequence 303, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
```

```
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aemica Sequence Listing Engine
; SEQ ID NO 303
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108-303
```

```
Query Match 0.6%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 1013 CTGAAAAAGAGG 1024
      |||||
Db 6 CTGAAAAAGAGG 17
```

RESULT 415

```
US-09-866-108-304
; Sequence 304, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aemica Sequence Listing Engine
; SEQ ID NO 304
; LENGTH: 17
```

TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-304

Query Match 0.6%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1013 CTGAAAAAGAGG 1024
|||||

DB 5 CTGAAAAAGAGG 16
|||||

RESULT 416

US-09-866-108-305
Sequence 305, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 305
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-305

Query Match 0.6%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1013 CTGAAAAAGAGG 1024
|||||

Db 4 CTGAAAAAGAGG 15

RESULT 417

US-09-866-108-306
Sequence 306, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 306
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-306

Query Match 0.6%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1013 CTGAAAAAGAGG 1024
|||||

DB 3 CTGAAAAAGAGG 14
|||||

RESULT 418

US-09-866-108-307
Sequence 307, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang

```
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 307
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108-307

Query Match 0.6%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1013 CTGAAAAGAGG 1024
Db 2 CTGAAAAGAGG 13

RESULT 419
US-09-864-785-661/c
; Sequence 661, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; FILE REFERENCE: 400/022 (MBH00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 661
```

```
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-661

Query Match 0.6%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 887 CAGTGTGTTC 898
Db 12 CAGTGTGTTC 1

RESULT 420
US-09-780-533A-751
; Sequence 751, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haerberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MBH00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 751
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
; US-09-780-533A-751

Query Match 0.6%; Score 12; DB 1; Length 17;
Best Local Similarity 91.7%; Pred. No. 2.6e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1256 TCCCAACCCCC 1267
Db 1 UCCCAACCCCC 12

RESULT 421
US-09-823-257A-5/c
; Sequence 5, Application US/09823257A
; Publication No. US20030096231A1
; GENERAL INFORMATION:
; APPLICANT: Landers, John
; TITLE OF INVENTION: High Throughput Methods for Haplotyping
; FILE REFERENCE: P0715/7003 (HCL)
; CURRENT APPLICATION NUMBER: US/09/823,257A
; CURRENT FILING DATE: 2001-03-30
; PRIOR APPLICATION NUMBER: US 60/194,425
; PRIOR FILING DATE: 2000-04-04
; NUMBER OF SEQ ID NOS: 24
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Human Oligonucleotide
US-09-823-257A-5

Query Match 0.6%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
```

Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1196 TGGCACCACCT 1207
| | | | | | | | | |
Db 12 TGGCACCACCT 1

RESULT 422

US-09-902-214-37
; Sequence 37, Application US/09902214
; Publication No. US20030104521A1
; GENERAL INFORMATION:
; APPLICANT: Whittaker, Paul Andrew
; TITLE OF INVENTION: Disease-Associated Gene
; FILE REFERENCE: 4-31503A/H031
; CURRENT APPLICATION NUMBER: US/09/902,214
; CURRENT FILING DATE: 2001-07-10
; NUMBER OF SEQ ID NOS: 84
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 37
; TYPE: DNA
; LENGTH: 17
; ORGANISM: Homo sapiens
US-09-902-214-37

Query Match 0.6%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;

Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1238 CCTCGCCTCCG 1249
| | | | | | | | | |
Db 2 CCTCGCCTCCG 13

RESULT 423

US-09-740-332-65/c
; Sequence 65, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 65
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-65

Query Match 0.6%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;

Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1202 CACCTATCAGG 1213
| | | | | | | | | |
Db 16 CACCTATCAGG 5

RESULT 424

US-09-817-879-65/c
; Sequence 65, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to Hepatitis C Virus Infection

; TITLE OF INVENTION: Hepatitis C Virus Infection

; FILE REFERENCE: MHB00-801-F

; CURRENT APPLICATION NUMBER: US/09/817,879

; CURRENT FILING DATE: 2001-03-26

; NUMBER OF SEQ ID NOS: 9703

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 65

; LENGTH: 17

; TYPE: RNA

; ORGANISM: artificial sequence

; FEATURE:

; NAME/KEY: misc_feature

; LOCATION:

; OTHER INFORMATION: oligonucleotide substrate

US-09-817-879-65

Query Match 0.6%; Score 12; DB 1; Length 17;

Best Local Similarity 100.0%; Pred. No. 2.6e+02;

Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1202 CACCTATCAGG 1213
| | | | | | | | | |
Db 16 CACCTATCAGG 5

RESULT 425

US-10-163-552-377/c
; Sequence 377, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to hepatitis C virus infection

; FILE REFERENCE: MHB01-1653-A (400/014)

; CURRENT APPLICATION NUMBER: US/10/163,552

; CURRENT FILING DATE: 2002-06-06

; NUMBER OF SEQ ID NOS: 1997

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 377

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-163-552-377

Query Match 0.6%; Score 12; DB 1; Length 17;

Best Local Similarity 100.0%; Pred. No. 2.6e+02;

Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 744 CACCGTGTGCAC 755
| | | | | | | | | |
Db 16 CACCGTGTGCAC 5

RESULT 426

US-10-163-552-378/c
; Sequence 378, Application US/10163552
; Publication No. US20030105051A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to hepatitis C virus infection

; FILE REFERENCE: MHB01-1653-A (400/014)

; CURRENT APPLICATION NUMBER: US/10/163,552

; CURRENT FILING DATE: 2002-06-06

; NUMBER OF SEQ ID NOS: 1997

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 378

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-163-552-378

Query Match 0.6%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 744 CACGCTGCGAC 755
| | | | | | | | | |
DB 14 CACGCTGCGAC 3

RESULT 427

US-10-238-700-2962
; Sequence 2962, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2962
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-2962

Query Match 0.6%; Score 12; DB 1; Length 17;
Best Local Similarity 91.7%; Pred. No. 2.6e+02;
Matches 11; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1231 GCGACAGCCCTC 1242
| | | | | | | | | |
DB 6 GCGACAGCCCTC 17

RESULT 428

US-10-238-700-3290/c
; Sequence 3290, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3290
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-3290

Query Match 0.6%; Score 12; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1255 ATCCCCAACCC 1266
| | | | | | | | | |
DB 17 ATCCCCAACCC 6

RESULT 429

US-09-504-231A-131/c
; Sequence 131, Application US/09504231A
; Patent No. US20020013458A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS REL
; FILE REFERENCE: Pti 247/282
; CURRENT APPLICATION NUMBER: US/09/504,231A
; CURRENT FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 09/274,553
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; NUMBER OF SEQ ID NOS: 3242
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 131
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-131

Query Match 0.5%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 753 CACCTGCCATGCGAGG 767
| | | | | | | | | |
DB 15 CACCTGCCATGCGAGG 1

RESULT 430

US-09-504-231A-337/c
; Sequence 337, Application US/09504231A
; Patent No. US20020013458A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS REL
; FILE REFERENCE: Pti 247/282
; CURRENT APPLICATION NUMBER: US/09/504,231A
; CURRENT FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 09/274,553
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; NUMBER OF SEQ ID NOS: 3242
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 337
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-337

Query Match 0.5%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 816 AAGCTGGAGTGCAC 830
||||| |||||
Db 15 AAGCCAGAGTGCAC 1

RESULT 431

US-09-504-231A-855/c
; Sequence 855, Application US/09504231A
; Patent No. US20020013458A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; FILE REFERENCE: IPI 247/282
; CURRENT FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: US/09/504,231A
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/274,553
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3242
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 855
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-855

Query Match 0.5%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1056 GGCCCAAAACCAAG 1070
||||| |||||
Db 15 GGCCCAAAACCAAG 1

RESULT 432

US-09-504-231A-940
; Sequence 940, Application US/09504231A
; Patent No. US20020013458A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; FILE REFERENCE: IPI 247/282
; CURRENT APPLICATION NUMBER: US/09/504,231A
; CURRENT FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 09/274,553
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24

; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3242
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 940
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-940

Query Match 0.5%; Score 11.8; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.1e+02;
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 1085 CAGGCTTCACCCCA 1099
||||| :|||||
Db 1 CAGGCCUACCCACA 15

RESULT 433

US-09-274-553D-131/c
; Sequence 131, Application US/09274553D
; Patent No. US20020082225A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS REL
; FILE REFERENCE: IPI 247/282
; CURRENT APPLICATION NUMBER: US/09/274,553D
; CURRENT FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3148
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 131
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-131

Query Match 0.5%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 753 CACCTGCCATGCAGG 767
||||| |||||
Db 15 CACCTGCCATGCAGG 1

RESULT 434

US-09-274-553D-337/c
; Sequence 337, Application US/09274553D
; Patent No. US20020082225A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis


```
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; FILE REFERENCE: ip1 247/282
; CURRENT APPLICATION NUMBER: US/09/274,553D
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3148
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 337
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-337

Query Match          0.5%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 816 AAGCCTGAGTGAC 830
Db 15 AAGCCACGAGTGAC 1

RESULT 435
US-09-274-553D-855/c
; Sequence 855, Application US/09274553D
; Patent No. US20020082225A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; FILE REFERENCE: ip1 247/282
; CURRENT APPLICATION NUMBER: US/09/274,553D
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3148
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 855
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-855

Query Match          0.5%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1056 GCCCCTAAACCAAG 1070
Db 15 GCCCCTAAACCAAG 1

RESULT 436
US-09-274-553D-940
; Sequence 940, Application US/09274553D
```

```
; Patent No. US20020082225A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS REL
; FILE REFERENCE: ip1 247/282
; CURRENT APPLICATION NUMBER: US/09/274,553D
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3148
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 940
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-940

Query Match          0.5%; Score 11.8; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.1e+02;
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 1085 CAGGCTTCACCCCA 1099
Db 1 CAGGCCUCACCCACA 15

RESULT 437
US-09-826-290-471
; Sequence 471, Application US/09826290
; Patent No. US20020164668A1
; GENERAL INFORMATION:
; APPLICANT: Durham, L. Kathryn
; APPLICANT: Friedman, David L.
; APPLICANT: Herath, Herath Mudiyanseilage Athula Chandrasiri
; APPLICANT: Kimmel, Lida H.
; APPLICANT: Parekh, Rajesh Bhikhu
; APPLICANT: Potter, David M.
; APPLICANT: Rohlf, Christian
; APPLICANT: Silber, B. Michael
; APPLICANT: Stiger, Thomas R.
; APPLICANT: Sunderland, P. Trey
; APPLICANT: Townsend, Robert Reid
; APPLICANT: White, Frost
; APPLICANT: Williams, Stephen A.
; TITLE OF INVENTION: Nucleic Acid Molecules, Polypeptides and
; TITLE OF INVENTION: Uses Therefor, Including Diagnosis and Treatment of
; FILE REFERENCE: 2572-1-001 N2
; CURRENT APPLICATION NUMBER: US/09/826,290
; CURRENT FILING DATE: 2001-04-30
; PRIOR APPLICATION NUMBER: US 60/194,504
; PRIOR FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: US 60/253,647
; PRIOR FILING DATE: 2000-11-28
; NUMBER OF SEQ ID NOS: 492
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 471
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
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; LOCATION: (1)....(15)
; OTHER INFORMATION: primer
US-09-826-290-471

Query Match      0.5%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1096 CCACCGCTGGCTTC 1110
Db 1 CCCGGCCTGGCTTC 15

RESULT 438
US-09-825-805-128/c
; Sequence 128, Application US/09825805
; Publication No. US20030004122A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleotides
; FILE REFERENCE: MBBH00-831-F (406/009)
; CURRENT APPLICATION NUMBER: US/09/825,805
; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: 09/578,223
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 09/476,387
; PRIOR FILING DATE: 1999-12-30
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1558
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 128
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-825-805-128

Query Match      0.5%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1110 CAGTCCCGTGCCAG 1124
Db 15 CAGTCCACTGCCAG 1

RESULT 439
US-09-754-066-16/c
; Sequence 16, Application US/09754066
; Publication No. US20030013669A1
; GENERAL INFORMATION:
; APPLICANT: BURCOGLU, ARSINUR
; TITLE OF INVENTION: METHOD OF TREATING HIV INFECTION AND RELATED SECONDARY INFECTIONS THEREOF
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff
; STREET: 1001 G Street, NW
; CITY: Washington
```

```
; STATE: DC
; COUNTRY: USA
; ZIP: 20001
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: FastSeq for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/754,066
; FILING DATE: 05-Jan-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/848,013
; FILING DATE: 2001-05-07
; APPLICATION NUMBER: 07/830,886
; FILING DATE: 04-FEB-1992
; APPLICATION NUMBER: 07/748,277
; FILING DATE: 21-AUG-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Kagan, Sarah A
; REGISTRATION NUMBER: 32141
; REFERENCE/DOCKET NUMBER: 02939.04541
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-508-9100
; TELEFAX: 202-508-9299
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 16:
US-09-754-066-16

Query Match      0.5%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 891 GCTGTTGCCCTGGT 905
Db 15 GCTGTGGCTCTGGT 1

RESULT 440
US-09-979-593-69/c
; Sequence 69, Application US/09979593
; Publication No. US2003008255A1
; GENERAL INFORMATION:
; APPLICANT: Genaisance Pharmaceuticals, Inc.
; APPLICANT: Chew, Anne
; APPLICANT: Choi, Julie Y
; APPLICANT: Denton, R. Rex
; APPLICANT: Klien, Stefanie E
; APPLICANT: Lee, Helen H
; APPLICANT: Nandabalan, Krishnan
; TITLE OF INVENTION: HAPLOTYPES OF THE ICAM2 GENE
; FILE REFERENCE: MMH-0425 PCT ICAM2
; CURRENT APPLICATION NUMBER: US/09/979,593
; CURRENT FILING DATE: 2001-11-14
; PRIOR APPLICATION NUMBER: PCT/US01/14714
; PRIOR FILING DATE: 2001-05-07
; PRIOR APPLICATION NUMBER: 60/201,946
; PRIOR FILING DATE: 2000-05-05
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 69
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapien
US-09-979-593-69
```

Query Match 0.5%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 862 AAGGCACTGAGGAC 876
||||| ||||| |||||
Db 15 AAGGTCATGGGGAC 1

RESULT 441
US-10-056-414-43/c
; Sequence 43, Application US/09840008
; Publication No. US20030104519A1
; GENERAL INFORMATION:
; APPLICANT: EVANS, RONALD M.
; TITLE OF INVENTION: XENOBIOTIC COMPOUND MODULATED EXPRESSION SYSTEMS AND
; FILE REFERENCE: SAL2270-4
; CURRENT APPLICATION NUMBER: US/09/840,008
; PRIOR FILING DATE: 2001-04-20
; PRIOR APPLICATION NUMBER: 09/458,366
; PRIOR FILING DATE: 1999-12-09
; PRIOR APPLICATION NUMBER: 09/005,286
; PRIOR FILING DATE: 1998-01-09
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 43
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-09-840-008-43

Query Match 0.5%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 824 AGTGCACGAAGTTGT 838
||||| ||||| |||||
Db 15 AGTTCATGAAGTTGT 1

RESULT 442
US-10-056-414-40
; Sequence 80, Application US/10056414
; Publication No. US20030003469A1
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; Draper, Kenneth G.
; McSwiggen, James
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; DISEASES OR CONDITIONS
; RELATED TO LEVELS OF
; NF-KB
; NUMBER OF SEQUENCES: 830
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/056,414
; FILING DATE: August 15, 1994
; PUBLICATION DATE: May 18, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992

FILING DATE: 23-Jan-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/291,932A
; FILING DATE: August 15, 1994
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/157
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 80:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 80:
US-10-056-414-80

Query Match 0.5%; Score 11.8; DB 1; Length 15;
Best Local Similarity 66.7%; Pred. No. 2.1e+02;
Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 836 TGTGCTACCCGAGA 850
:||:||||:|||||
Db 1 UGUGCCUACCGAAA 15

RESULT 443
US-10-056-414-125/c
; Sequence 125, Application US/10056414
; Publication No. US20030003469A1
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; Draper, Kenneth G.
; McSwiggen, James
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; DISEASES OR CONDITIONS
; RELATED TO LEVELS OF
; NF-KB
; NUMBER OF SEQUENCES: 830
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/056,414
; FILING DATE: 23-Jan-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/291,932A
; FILING DATE: August 15, 1994
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 208/157
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 125:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 125:
US-10-056-414-125

Query Match 0.5%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1272 GAAGTGGGAGGACAG 1286
Db 15 GATGTGAGGAGACAG 1

RESULT 444

US-10-056-414-223
Sequence 223, Application US/10056414
Publication No. US20030003469A1
GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.
McSwiggen, James
Draper, Kenneth G.

TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
RELATED TO LEVELS OF

NF-KB

NUMBER OF SEQUENCES: 830

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street

Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:

MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/056,414

FILING DATE: 23-Jan-2002

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/291,932A

FILING DATE: August 15, 1994

APPLICATION NUMBER: 08/245,466

FILING DATE: May 18, 1994

APPLICATION NUMBER: 07/987,132

FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 208/157

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 223:

SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 223:
US-10-056-414-223

Query Match 0.5%; Score 11.8; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.1e+02;
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1085 GAGGCTTACCCCA 1099
Db 1 CCGGCCACACCCCA 15

RESULT 445

US-10-056-414-349

Sequence 349, Application US/10056414

Publication No. US20030003469A1

GENERAL INFORMATION:

APPLICANT: Stinchcomb, Dan T.

McSwiggen, James

Draper, Kenneth G.

TITLE OF INVENTION: RIBOZYME TREATMENT OF
DISEASES OR CONDITIONS
RELATED TO LEVELS OF

NF-KB

NUMBER OF SEQUENCES: 830

CORRESPONDENCE ADDRESS:

ADDRESSEE: Lyon & Lyon

STREET: 633 West Fifth Street

Suite 4700

CITY: Los Angeles

STATE: California

COUNTRY: U.S.A.

ZIP: 90071-2066

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
storage

COMPUTER: IBM Compatible

OPERATING SYSTEM: IBM P.C. DOS 5.0

SOFTWARE: Word Perfect 5.1

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/056,414

FILING DATE: 23-Jan-2002

CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/08/291,932A

FILING DATE: August 15, 1994

APPLICATION NUMBER: 08/245,466

FILING DATE: May 18, 1994

APPLICATION NUMBER: 07/987,132

FILING DATE: December 7, 1992

ATTORNEY/AGENT INFORMATION:

NAME: Warburg, Richard J.

REGISTRATION NUMBER: 32,327

REFERENCE/DOCKET NUMBER: 208/157

TELECOMMUNICATION INFORMATION:

TELEPHONE: (213) 489-1600

TELEFAX: (213) 955-0440

TELEX: 67-3510

INFORMATION FOR SEQ ID NO: 349:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 349:

US-10-056-414-349

Query Match

0.5%; Score 11.8; DB 1; Length 15;

Db 1 CCTGCCCCACCC 15

RESULT 450

US-10-229-755A-1
; Sequence 1, Application US/10229755A
; Publication No. US20030082601A1
; GENERAL INFORMATION:

; APPLICANT: Dill Killian
; TITLE OF INVENTION: ENZYME-AMPLIFIED REDOX MICROARRAY DETECTION PROCESS

; FILE REFERENCE: 0701
; CURRENT APPLICATION NUMBER: US/10/229,755A

; CURRENT FILING DATE: 2002-12-13
; NUMBER OF SEQ ID NOS: 4

; SEQ ID NO 1

; LENGTH: 15

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: KRAS

US-10-229-755A-1

Query Match 0.5%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.1e+02;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1132 TTCACCTCCAGCTCC 1146

Db 1 TAGCCTCCAGCTCC 15

RESULT 451

US-10-156-306-7809/c

; Sequence 7809, Application US/10156306

; Publication No. US20030119017A1

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: McSwiggen, James

; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related

; FILE REFERENCE: Levels of IKK-Gamma and PKR

; CURRENT APPLICATION NUMBER: US/10/156,306

; CURRENT FILING DATE: 2002-05-28

; NUMBER OF SEQ ID NOS: 8013

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 7809

; LENGTH: 15

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-156-306-7809

Query Match 0.5%; Score 11.8; DB 1; Length 15;

Best Local Similarity 86.7%; Pred. No. 2.1e+02;

Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1124 GTTCACCTTCACCT 1138

Db 15 GATCTACCTTCACCT 1

RESULT 452

US-10-055-732-10

; Sequence 10, Application US/10055732

; Publication No. US20030135040A1

; GENERAL INFORMATION:

; APPLICANT: Eritja, Ramon

; APPLICANT: Garcia, Ramon Guimil

; APPLICANT: Oste, Christian C.

; TITLE OF INVENTION: Compositions and Methods for Synthesis and Use of No. US200301350

; FILE REFERENCE: 03038-0202 42892-265833

; CURRENT APPLICATION NUMBER: US/10/055,732

; CURRENT FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: US 60/162,627
; PRIOR FILING DATE: 1999-10-29
; PRIOR APPLICATION NUMBER: US 09/702,066
; PRIOR FILING DATE: 2000-10-30
; PRIOR APPLICATION NUMBER: US 60/197,559
; PRIOR FILING DATE: 2000-04-17
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 10

; LENGTH: 15

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Synthetic oligonucleotide

; NAME/KEY: misc feature

; OTHER INFORMATION: Synthetic oligonucleotide

US-10-055-732-10

Query Match 0.5%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 926 TTTTATCCCTCCTCT 940

Db 1 TTTTCTCCTCCTCT 15

RESULT 453

US-10-292-198-6/c

; Sequence 6, Application US/10292198

; Publication No. US20030157654A1

; GENERAL INFORMATION:

; APPLICANT: SHEN, Ben

; APPLICANT: LIU, Wen

; TITLE OF INVENTION: BIOSYNTHESIS OF ENEDIYNE COMPOUNDS BY MANIPULATION OF C-1027 GE

; FILE REFERENCE: PATHWAY

; CURRENT APPLICATION NUMBER: US/10/292,198

; CURRENT FILING DATE: 2003-03-14

; PRIOR APPLICATION NUMBER: US 10/159,257

; PRIOR FILING DATE: 2002-05-31

; PRIOR APPLICATION NUMBER: US 09/478,188

; PRIOR FILING DATE: 2000-01-05

; PRIOR APPLICATION NUMBER: US 60/115,434

; NUMBER OF SEQ ID NOS: 146

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 6

; LENGTH: 15

; TYPE: DNA

; ORGANISM: Streptomyces globisporus

US-10-292-198-6

Query Match 0.5%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1002 GAAATCGACACCTGA 1016

Db 15 GACATCGACAGCTGA 1

RESULT 454

US-10-196-095-17/c

; Sequence 17, Application US/10196095

; Publication No. US20030158081A1

; GENERAL INFORMATION:

; APPLICANT: March, Ruth E.

; APPLICANT: Thornton, Sarah M.

; TITLE OF INVENTION: CHEMICAL COMPOUNDS

; FILE REFERENCE: 009901/0270771 - AFG/PHM70556/UST

; CURRENT APPLICATION NUMBER: US/10/196,095
; CURRENT FILING DATE: 2002-07-15
; PRIOR APPLICATION NUMBER: US/09/597,835
; PRIOR FILING DATE: 2000-06-19
; PRIOR APPLICATION NUMBER: GB 9914440.4
; PRIOR FILING DATE: 1999-06-22
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: MS Word
; SEQ ID NO 17
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-196-095-17

Query Match 0.5%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1131 CTTCACTCCAGTC 1145
DB 15 CTTCACTCCAGATC 1

RESULT 455
US-10-232-927A-68/c
; Sequence 68, Application US/10232927A
; Publication No. US20030190638A1
; GENERAL INFORMATION:
; APPLICANT: Michael D. West

; Calvin B. Harley
; Scott L. Weinrich
; Catherine M. Strahl
; Michael J. Meeachern
; Jerry Shay
; Woodring E. Wright
; Elizabeth H. Blackburn
; Nam Woo Kim
; Honayoun Vaziri

; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
; CONDITIONS RELATED TO
; TEOLOMERE LENGTH AND/OR
; TELOMERASE ACTIVITY

; NUMBER OF SEQUENCES: 80

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street

; CITY: Los Angeles

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 90071-2066

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: FastSeq for Windows 2.0

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/10/232,927A

; FILING DATE: 29-Aug-2002

; CLASSIFICATION: <Unknown>

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/09/378,535

; FILING DATE: 20-Aug-1999

; APPLICATION NUMBER: 08/819,867

; FILING DATE: <Unknown>

; ATTORNEY/AGENT INFORMATION:

; NAME: Chambers, Daniel M.

; REGISTRATION NUMBER: 34,561

; REFERENCE/DOCKET NUMBER: 224/232

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 68:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 68:
US-10-232-927A-68

Query Match 0.5%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1248 CGACCCCATCCCAA 1262
DB 15 CAACCCCAACCCAA 1

RESULT 456
US-10-440-850-857
; Sequence 857, Application US/10440850
; Publication No. US20030207837A1
; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Jarvis, Thale
; APPLICANT: MCSwigen, Jim

; TITLE OF INVENTION: Method and Reagent for the Induction of Graft Tolerance and Re
; FILE REFERENCE: 250/130 (MHE00-900-A)

; CURRENT APPLICATION NUMBER: US/10/440,850

; CURRENT FILING DATE: 2003-05-19

; PRIOR APPLICATION NUMBER: US/09/650,012

; PRIOR FILING DATE: 2000-08-28

; PRIOR APPLICATION NUMBER: US 08/585,684

; PRIOR FILING DATE: 1996-01-12

; PRIOR APPLICATION NUMBER: US 60/000,951

; PRIOR FILING DATE: 1995-07-07

; PRIOR APPLICATION NUMBER: US 09/038,073

; PRIOR FILING DATE: 1998-03-11

; NUMBER OF SEQ ID NOS: 2285

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 857

; LENGTH: 15

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-440-850-857

Query Match 0.5%; Score 11.8; DB 1; Length 15;
Best Local Similarity 66.7%; Pred. No. 2.1e+02;
Matches 10; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 743 ACACCGTGTGCACCT 757
DB 1 ACACCAUCUGCACCU 15

RESULT 457
US-10-271-602B-208
; Sequence 208, Application US/10271602B
; Publication No. US20040002073A1
; GENERAL INFORMATION:
; APPLICANT: Alice Xiang Li
; APPLICANT: Ghazala Hashmi
; APPLICANT: Michael Seul
; TITLE OF INVENTION: MULTIPLEXED ANALYSIS OF POLYMORPHIC LOCI
; FILE REFERENCE: BY CONCURRENT INTERROGATION AND ENZYME-MEDIATED DETECTION
; CURRENT APPLICATION NUMBER: US/10/271,602B
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/329,427
; PRIOR FILING DATE: 2001-10-14

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, PRIOR APPLICATION NUMBER: 60/329,620
, PRIOR FILING DATE: 2001-10-15
, PRIOR APPLICATION NUMBER: 60/329,428
, PRIOR FILING DATE: 2001-10-14
, PRIOR APPLICATION NUMBER: 60/329,619
, PRIOR FILING DATE: 2001-10-15
, PRIOR APPLICATION NUMBER: 60/364,416
, PRIOR FILING DATE: 2002-03-14
, NUMBER OF SEQ ID NOS: 212
, SOFTWARE: FastSeq for Windows Version 4.0
, SEQ ID NO 208
, LENGTH: 15
, TYPE: DNA
, ORGANISM: Artificial Sequence
, FEATURE:
, - OTHER INFORMATION: Probe sequence derived
US-10-271-6028-208

```

Query Match 0.5%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%; Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1150 TATACCCCGGTGAC 1164
Db 1 TGTACCCCGGTGAC 15

```

RESULT 458
US-10-264-309-472
; Sequence 472, Application US/10264309
; Publication No. US20040022794A1
; GENERAL INFORMATION:
; APPLICANT: DURHAM, L. KATHRYN
; APPLICANT: FRIEDMAN, DAVID L.
; APPLICANT: HERATH, HERATH
; APPLICANT: KIMMEL, LIDA H.
; APPLICANT: PAREKH, RAJESH B.
; APPLICANT: POTTER, DAVID M.
; APPLICANT: ROHLFF, CHRISTIAN
; APPLICANT: SILBER, B. MICHAEL
; APPLICANT: SNYDER, PETER J.
; APPLICANT: SOARES, HOLLY D.
; APPLICANT: STIGER, THOMAS R.
; APPLICANT: TOWNSEND, ROBERT R.
; APPLICANT: WHITE, W. FROST
; APPLICANT: WILLIAMS, STEPHEN A.
TITLE OF INVENTION: NUCLEIC ACID MOLECULES, POLYPEPTIDES AND USES THEREFOR,
TITLE OF INVENTION: INCLUDING DIAGNOSIS AND TREATMENT OF ALZHEIMER'S DISEASE
FILE REFERENCE: POA-002.01
CURRENT APPLICATION NUMBER: US/10/264,309
CURRENT FILING DATE: 2002-10-03
PRIOR APPLICATION NUMBER: 60/326,708
PRIOR FILING DATE: 2001-10-03
NUMBER OF SEQ ID NOS: 491
SOFTWARE: PatentIn Version 2.1
SEQ ID NO 472
LENGTH: 15
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: DNA probe
US-10-264-309-472

```

```
Query Match          0.5%;   Score 11.8;   DB 1;   Length 15;
Best Local Similarity 86.7%;   Pred. NO. 2.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

1 CCGGCCCTGGGCTTC 15

RESULT 459

```

US-09-741-744A-133/c
; Sequence 133, Application US/09741744A
; Publication NO. US20030087417A1
; GENERAL INFORMATION:
; APPLICANT: Peeters, Bernadus
; APPLICANT: de Leeuw, Olav
; APPLICANT: Klaus, Gius
; APPLICANT: Arnoud, Gielkens
; TITLE OF INVENTION: Newcastle Disease
; FILE REFERENCE: 2183-464FUS
; CURRENT APPLICATION NUMBER: US/09/741-
; CURRENT FILING DATE: 2000-12-19
; PRIOR APPLICATION NUMBER: PCT/NL99/003
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 148
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 133
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Newcastle disease virus
US-09-741-744A-133

```

Query Match 0.5%; Score 11.8; DB 1; Length 15;
Best Local Similarity 86.7%;
Pred. No. 2.1e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY	1989	TGTTTGTCTTAA	2003
Db	15	TGGTTTGTCTTAA	1

RESULT 460

```

US-09-864-636A-2483
; Sequence 2483, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwaj Hatim
; APPLICANT: Bartholomay, Christian
; APPLICANT: Chenak, LuAnne
; TITLE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2483
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-636A-2483

```

```

Query Match          0.5%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

Qy	1088	GCTTCACCCACCC	1102
Db	1	GCTGCACGCCACCC	15

RESULT 461

US-09-864-426A-2483
; Sequence 2483, Application US/09864426A
; Publication No. US20040018489A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Ma, Wu Po
; APPLICANT: Lyamichiev, Victor
; APPLICANT: Saiser, Michael

; TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
 ; FILE REFERENCE: FORS-04946
 ; CURRENT APPLICATION NUMBER: US/09/864,426A
 ; CURRENT FILING DATE: 2001-05-24
 ; NUMBER OF SEQ ID NOS: 2640
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 2483
 ; LENGTH: 16
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Synthetic
 US-09-864-426A-2483

Query Match 0.5%; Score 11.8; DB 1; Length 16;
 Best Local Similarity 86.7%; Pred. No. 2.5e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1088 GCTTACCCGCCACCC 1102
 DB 1 GCTGACCCGCCACCC 15

RESULT 462
 US-10-446-201-26
 ; Sequence 26, Application US/10446201
 ; Publication No. US20040029160A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Britja, Ramon
 ; TITLE OF INVENTION: Parallel Stranded Duplexes of Deoxyribonucleic Acid and Methods
 ; FILE REFERENCE: 020415
 ; CURRENT APPLICATION NUMBER: US/10/446,201
 ; CURRENT FILING DATE: 2003-05-23
 ; NUMBER OF SEQ ID NOS: 34
 ; SOFTWARE: PatentIn version 3.2
 ; SEQ ID NO 26
 ; LENGTH: 16
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: test sequence
 ; NAME/KEY: misc feature
 ; LOCATION: (1)..(4)
 ; OTHER INFORMATION: hairpin linker
 US-10-446-201-26

Query Match 0.5%; Score 11.8; DB 1; Length 16;
 Best Local Similarity 86.7%; Pred. No. 2.5e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 926 TTTTATCCCTCTCTCT 940
 DB 2 TTTTCTCTCTCTCT 16

RESULT 463
 US-10-108-164-66
 ; Sequence 66, Application US/10108164
 ; Publication No. US20030104356A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Berger, Shelley L.
 ; APPLICANT: Fraser, Nigel W.
 ; APPLICANT: Tai-Singer, Ruth
 ; APPLICANT: Leary, Jeffrey J.
 ; TITLE OF INVENTION: Compounds And Methods For Treating And
 ; FILE REFERENCE: P50682C1
 ; CURRENT APPLICATION NUMBER: US/10/108,164
 ; CURRENT FILING DATE: 2002-03-26
 ; PRIOR APPLICATION NUMBER: 09/424,348

; PRIOR FILING DATE: 1999-07-01
 ; PRIOR APPLICATION NUMBER: PCT/US98/13733
 ; PRIOR FILING DATE: 1998-07-01
 ; PRIOR APPLICATION NUMBER: 60/051,633
 ; PRIOR FILING DATE: 1997-07-03
 ; PRIOR APPLICATION NUMBER: 60/054,515
 ; PRIOR FILING DATE: 1997-08-01
 ; PRIOR APPLICATION NUMBER: 60/080,352
 ; NUMBER OF SEQ ID NOS: 145
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 66
 ; LENGTH: 16
 ; TYPE: DNA
 ; ORGANISM: Herpes simplex virus
 US-10-108-164-66

Query Match 0.5%; Score 11.8; DB 1; Length 16;
 Best Local Similarity 86.7%; Pred. No. 2.5e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 905 TCATTTCCTTGGTC 919
 DB 2 TCATTTCCTTGGTC 16

RESULT 464
 US-10-101-433A-38
 ; Sequence 38, Application US/10101433A
 ; Publication No. US20030119726A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Hanscom, Sara
 ; APPLICANT: Crespi, Charles
 ; TITLE OF INVENTION: P-GLYCOPROTEINS AND USES THEREOF
 ; FILE REFERENCE: G00307/70019
 ; CURRENT APPLICATION NUMBER: US/10/101,433A
 ; CURRENT FILING DATE: 2002-03-19
 ; PRIOR APPLICATION NUMBER: US 60/277,095
 ; PRIOR FILING DATE: 2001-03-19
 ; NUMBER OF SEQ ID NOS: 38
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 38
 ; LENGTH: 16
 ; TYPE: DNA
 ; ORGANISM: Macaca mulatta
 US-10-101-433A-38

Query Match 0.5%; Score 11.8; DB 1; Length 16;
 Best Local Similarity 86.7%; Pred. No. 2.5e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 948 TTTAATGTATCGCTA 962
 DB 1 TTCAATGTTTCGCTA 15

RESULT 465
 US-10-084-839-2483
 ; Sequence 2483, Application US/10084839
 ; Publication No. US20030186238A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Third Wave Technologies
 ; APPLICANT: Allawi, Hatim
 ; APPLICANT: Argue, Brad T.
 ; APPLICANT: Bartholomay, Christian T.
 ; APPLICANT: Chehak, LuAnne
 ; APPLICANT: Curtis, Michelle L.
 ; APPLICANT: Eis, Peggy S.
 ; APPLICANT: Hall, Jeff G.
 ; APPLICANT: Ip, Hon S.
 ; APPLICANT: Ji, Lin
 ; APPLICANT: Kaiser, Michael
 ; APPLICANT: Kwiatkowski, Jr., Robert W.

```
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lyamichchev, Victor
; APPLICANT: Lymaicheva, Natalie E.
; APPLICANT: Ma, WuPo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Tsetska Y.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vedvik, Kevin L.
; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: FORS-06666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2483
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-2483

Query Match          0.5%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1088 GCTTCACCCGCCACCC 1102
Db 1 GCTGCACCCGCCACCC 15

RESULT 466
US-10-277-216-367/c
; Sequence 367, Application US/10277216
; Publication No. US2004002470A1
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
; FILE REFERENCE: 2976-4051
; CURRENT APPLICATION NUMBER: US/10/277,216
; CURRENT FILING DATE: 2002-10-17
; PRIOR APPLICATION NUMBER: 10/126,022
; PRIOR FILING DATE: 2002-04-19
; PRIOR FILING DATE: 2001-04-13
; PRIOR FILING DATE: 2001-04-13
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 420
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 367
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-277-216-367

Query Match          0.5%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1058 CCCCACCCCAAGCT 1072
Db 15 CCCCACCCCAAGCT 1

RESULT 467
US-10-126-022-367/c
; Sequence 367, Application US/10126022
; Publication No. US20040023215A1
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
; FILE REFERENCE: 2976-4039US2
; CURRENT APPLICATION NUMBER: US/10/126,022
; CURRENT FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 09/834,597
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 09/548,797
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 420
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 367
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-126-022-367

Query Match          0.5%; Score 11.8; DB 1; Length 16;
Best Local Similarity 86.7%; Pred. No. 2.5e+02;
Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1058 CCCCACCCCAAGCT 1072
Db 15 CCCCACCCCAAGCT 1

RESULT 468
US-09-866-108-8355
; Sequence 8355, Application US/09866108
; Patent No. US20030048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
```

; PRIOR FILING DATE: 2001-01-30
 ; PRIOR APPLICATION NUMBER: US 60/234,687
 ; PRIOR FILING DATE: 2000-09-21
 ; PRIOR APPLICATION NUMBER: US 60/266,860
 ; PRIOR FILING DATE: 2001-02-05
 ; NUMBER OF SEQ ID NOS: 15752
 ; SOFTWARE: Aeomica Sequence Listing Engine
 ; SEQ ID NO 8355
 ; LENGTH: 17
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-09-866-108-8355

Query Match 0.5%; Score 11.8; DB 1; Length 17;
 Best Local Similarity 86.7%; Pred. No. 2.9e+02;
 Matches 13; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1713 GCAAGCAGGAGCTAG 1727
 ||||| |||||
 Db 1 GCAAGCAGGAGCTGG 15

RESULT 469

US-10-251-117-90

; Sequence 90, Application US/10251117
 ; Publication No. US20030170891A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: McSwiggen, James
 ; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
 ; FILE REFERENCE: 900/042 (WBH02-468-A)
 ; CURRENT APPLICATION NUMBER: US/10/251,117
 ; CURRENT FILING DATE: 2003-02-24
 ; PRIOR APPLICATION NUMBER: US 60/393,924
 ; PRIOR FILING DATE: 2002-07-03
 ; PRIOR APPLICATION NUMBER: US 10/163,552
 ; PRIOR FILING DATE: 2002-06-06
 ; PRIOR APPLICATION NUMBER: US 60/358,580
 ; PRIOR FILING DATE: 2002-02-20
 ; PRIOR APPLICATION NUMBER: US 09/916,466
 ; PRIOR FILING DATE: 2001-07-25
 ; PRIOR APPLICATION NUMBER: US 60/296,249
 ; PRIOR FILING DATE: 2001-06-06
 ; NUMBER OF SEQ ID NOS: 1213
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 90
 ; LENGTH: 19
 ; TYPE: RNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense s

US-10-251-117-90

Query Match 0.5%; Score 11.6; DB 1; Length 19;
 Best Local Similarity 61.1%; Pred. No. 4.2e+02;
 Matches 11; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 1351 GTGCCCCGTTGCGCTGG 1368
 ||||| |||||
 Db 1 GUGCACACGGGCGCCUGG 18

RESULT 470

US-10-251-117-339/c

; Sequence 339, Application US/10251117
 ; Publication No. US20030170891A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: McSwiggen, James
 ; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
 ; FILE REFERENCE: 900/042 (WBH02-468-A)

; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
 ; FILE REFERENCE: 900/042 (WBH02-468-A)

; CURRENT APPLICATION NUMBER: US/10/251,117
 ; CURRENT FILING DATE: 2003-02-24
 ; PRIOR APPLICATION NUMBER: US 60/393,924
 ; PRIOR FILING DATE: 2002-07-03
 ; PRIOR APPLICATION NUMBER: US 10/163,552
 ; PRIOR FILING DATE: 2002-06-06
 ; PRIOR APPLICATION NUMBER: US 60/358,580
 ; PRIOR FILING DATE: 2002-02-20
 ; PRIOR APPLICATION NUMBER: US 09/916,466
 ; PRIOR FILING DATE: 2001-07-25
 ; PRIOR APPLICATION NUMBER: US 60/296,249
 ; NUMBER OF SEQ ID NOS: 1213
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 339
 ; LENGTH: 19
 ; TYPE: RNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
 ; US-10-251-117-339

Query Match

0.5%; Score 11.6; DB 1; Length 19;
 Best Local Similarity 77.8%; Pred. No. 4.2e+02;
 Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1351 GTGCCCCGTTGCGCTGG 1368
 ||||| |||||
 Db 19 GTGCACACGGTGCCCTGG 2

RESULT 471

US-10-289-845-14

; Sequence 14, Application US/10289845
 ; Publication No. US20030170679A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Wood, Linda
 ; APPLICANT: Wagner, Susanne
 ; APPLICANT: Parodi, Luis
 ; TITLE OF INVENTION: Single Nucleotide Polymorphisms in GH-1
 ; FILE REFERENCE: 00791.US1
 ; CURRENT APPLICATION NUMBER: US/10/289,845
 ; CURRENT FILING DATE: 2002-11-07
 ; NUMBER OF SEQ ID NOS: 51
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 14
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: artificial sequence
 ; FEATURE:
 ; OTHER INFORMATION: primer
 ; US-10-289-845-14

Query Match 0.5%; Score 11.6; DB 1; Length 20;
 Best Local Similarity 77.8%; Pred. No. 4.6e+02;
 Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 516 CTCCTTCACCGCTTCAGA 533
 ||||| |||||
 Db 1 CTCCTTCCTTTTCAGA 18

RESULT 472

US-09-874-162A-12/c

; Sequence 12, Application US/09874162A
 ; Patent No. US20020155452A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Koontz, Jason
 ; APPLICANT: Sklar, Jeffrey
 ; TITLE OF INVENTION: FUSION OF JAZF1 AND JAZ1 GENES IN
 ; FILE REFERENCE: 05311-024001
 ; CURRENT APPLICATION NUMBER: US/09/874,162A

; CURRENT FILING DATE: 2001-06-04
; PRIOR APPLICATION NUMBER: US 60/209,093
; PRIOR FILING DATE: 2000-06-02
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer for PCR
US-09-874-162A-12

Query Match 0.5%; Score 11.6; DB 1; Length 20;
Best Local Similarity 77.8%; Pred. No. 4.6e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1014 TGAAGAGGGGGAGCT 1031
DB 18 TGAAGAGGGGGGTGAT 1

RESULT 473
US-09-756-186-19
; Sequence 19, Application US/09756186
; Patent No. US2001014333A1
; GENERAL INFORMATION:
; APPLICANT: Campbell, Robert K.
; APPLICANT: Jameson, Bradford A.
; APPLICANT: Chappel, Scott C.
; TITLE OF INVENTION: HYBRID PROTEINS
; NUMBER OF SEQUENCES: 22
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BROWDY AND NEWMARK
; STREET: 419 Seventh Street N.W., Ste. 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 22207

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/756,186
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/804,166
; FILING DATE:
; CLASSIFICATION:

; ATTORNEY/AGENT INFORMATION:
; NAME: Browdy, Roger L.
; REGISTRATION NUMBER: 25,618
; REFERENCE/DOCKET NUMBER: CAMPBELL-2A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 628-5197
; TELEFAX: (202) 737-3528
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
US-09-756-186-19

Query Match 0.5%; Score 11.6; DB 1; Length 21;
Best Local Similarity 77.8%; Pred. No. 5.1e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 35 TGGAGCCTCAGTCCAGAG 52

DB 3 TGGTGCCTCAGTCCCTCAG 20

RESULT 474
US-09-899-422-9/c
; Sequence 9, Application US/09899422
; Patent No. US20020090676A1
; GENERAL INFORMATION:
; APPLICANT: Hauptmann, Rudolph
; APPLICANT: Hämmler, Adolph
; APPLICANT: Maurer-Fogy, Ingrid
; APPLICANT: Stratowa, Christian
; TITLE OF INVENTION: TNF Receptors, TNF Binding Proteins and DNAs Coding for
; FILE REFERENCE: 98,385-H
; CURRENT APPLICATION NUMBER: US/09/899,422
; CURRENT FILING DATE: 2001-08-21
; PRIOR APPLICATION NUMBER: 09/525,998
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 08/383,676
; PRIOR FILING DATE: 1995-02-01
; PRIOR APPLICATION NUMBER: 08/153,287
; PRIOR FILING DATE: 1993-11-17
; PRIOR APPLICATION NUMBER: 07/821,750
; PRIOR FILING DATE: 1992-01-02
; PRIOR APPLICATION NUMBER: 07/511,430
; NUMBER OF SEQ ID NOS: 87
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 9
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(30)
US-09-899-422-9

Query Match 0.5%; Score 11.6; DB 1; Length 30;
Best Local Similarity 77.8%; Pred. No. 6.7e+02;
Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 35 TGGAGCCTCAGTCCAGAG 52
DB 28 TGGTGCCTCAGTCCCTCAG 11

RESULT 475
US-09-898-234-9/c
; Sequence 9, Application US/09898234
; Patent No. US20020155112A1
; GENERAL INFORMATION:
; APPLICANT: Hauptmann, Rudolph
; APPLICANT: Hämmler, Adolph
; APPLICANT: Maurer-Fogy, Ingrid
; APPLICANT: Stratowa, Christian
; TITLE OF INVENTION: TNF Receptors, TNF Binding Proteins and DNAs Coding for
; FILE REFERENCE: 98,385-I
; CURRENT APPLICATION NUMBER: US/09/898,234
; CURRENT FILING DATE: 2001-07-03
; PRIOR APPLICATION NUMBER: 09/525,998
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 08/383,676
; PRIOR FILING DATE: 1995-02-01
; PRIOR APPLICATION NUMBER: 08/153,287
; PRIOR FILING DATE: 1993-11-17
; PRIOR APPLICATION NUMBER: 07/821,750
; PRIOR FILING DATE: 1992-01-02
; PRIOR APPLICATION NUMBER: 07/511,430
; NUMBER OF SEQ ID NOS: 87

; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 9
 ; LENGTH: 30
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; NAME/KEY: CDS
 ; LOCATION: (1)..(30)
 US-09-898-234-9

Query Match 0.5%; Score 11.6; DB 1; Length 30;
 Best Local Similarity 77.8%; Pred. No. 6.7e+02;
 Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 35 TGGAGCCTCAGTCCAGAG 52
 Db 28 TGGTGCCTGAGTCTCAG 11

RESULT 476

US-09-792-356-9/c
 ; Sequence 9, Application US/09792356
 ; Publication No. US20020183485A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Hauptmann, Rudolph
 ; APPLICANT: Himmeler, Adolph
 ; APPLICANT: Maurer-Fogy, Ingrid
 ; APPLICANT: Stratowa, Christian
 ; TITLE OF INVENTION: TNF Receptors, TNF Binding Proteins and DNAs Coding for
 ; TITLE OF INVENTION: Them
 ; FILE REFERENCE: 98,385-G
 ; CURRENT APPLICATION NUMBER: US/09/792,356
 ; CURRENT FILING DATE: 2001-08-17
 ; PRIOR APPLICATION NUMBER: 08/477,639
 ; PRIOR FILING DATE: 1995-06-07
 ; PRIOR APPLICATION NUMBER: 08/383,676
 ; PRIOR FILING DATE: 1995-02-01
 ; PRIOR APPLICATION NUMBER: 08/153,287
 ; PRIOR FILING DATE: 1993-11-17
 ; PRIOR APPLICATION NUMBER: 07/821,750
 ; PRIOR FILING DATE: 1992-01-02
 ; PRIOR APPLICATION NUMBER: 07/511,430
 ; PRIOR FILING DATE: 1990-04-20
 ; NUMBER OF SEQ ID NOS: 87
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 9
 ; LENGTH: 30
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; FEATURE:
 ; NAME/KEY: CDS
 ; LOCATION: (1)..(30)
 US-09-792-356-9

Query Match 0.5%; Score 11.6; DB 1; Length 30;
 Best Local Similarity 77.8%; Pred. No. 6.7e+02;
 Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 35 TGGAGCCTCAGTCCAGAG 52
 Db 28 TGGTGCCTGAGTCTCAG 11

RESULT 477

US-09-365-029-78/c
 ; Sequence 78, Application US/09365029
 ; Patent No. US20010021772A1
 ; GENERAL INFORMATION:
 ; APPLICANT: UHLMANN, Eugen
 ; APPLICANT: PEYMAN, Anushirwan
 ; APPLICANT: BITONTI, Alan J
 ; APPLICANT: WOESSNER, Richard D.
 ; TITLE OF INVENTION: SHORT OLIGONUCLEOTIDES FOR THE INHIBITION OF VEGF

; TITLE OF INVENTION: EXPRESSION
 ; FILE REFERENCE: 26083/208
 ; CURRENT APPLICATION NUMBER: US/09/365,029
 ; CURRENT FILING DATE: 1999-08-02
 ; EARLIER APPLICATION NUMBER: EP 98114853.9
 ; EARLIER FILING DATE: 1998-08-07
 ; NUMBER OF SEQ ID NOS: 94
 ; SOFTWARE: PatentIn Ver. 2.0
 ; SEQ ID NO 78
 ; LENGTH: 14
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: VEGF antisense
 ; OTHER INFORMATION: oligonucleotide
 US-09-365-029-78

Query Match 0.5%; Score 11.4; DB 1; Length 14;
 Best Local Similarity 92.3%; Pred. No. 2.2e+02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1084 CCAGGCTTACCC 1096
 Db 13 CCAGGCTGCACCC 1

RESULT 478

US-09-557-423-9/c
 ; Sequence 9, Application US/09557423
 ; Patent No. US20020094555A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Belotserkovskii, Boris
 ; APPLICANT: Reddy, Gurucharan
 ; APPLICANT: Zarling, David A.
 ; TITLE OF INVENTION: Locked Nucleic Acid Hybrids and Methods of Use
 ; FILE REFERENCE: A-68112-1/RT/BMS/BTC
 ; CURRENT APPLICATION NUMBER: US/09/557,423
 ; CURRENT FILING DATE: 2000-04-21
 ; PRIOR APPLICATION NUMBER: USSN 60/130,345
 ; PRIOR FILING DATE: 1999-04-21
 ; NUMBER OF SEQ ID NOS: 17
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 9
 ; LENGTH: 14
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Quadruplex
 ; OTHER INFORMATION: forming DNA
 US-09-557-423-9

Query Match 0.5%; Score 11.4; DB 1; Length 14;
 Best Local Similarity 92.3%; Pred. No. 2.2e+02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1250 ACCCCATCCCAA 1262
 Db 13 ACCCCAAACCCCAA 1

RESULT 479

US-10-146-058-102/c
 ; Sequence 102, Application US/10146058
 ; Publication No. US20030040499A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Schlengersien, Georg-Ferdinand
 ; APPLICANT: Brysch, Wolfgang
 ; APPLICANT: Schlengersien, Karl-Hermann
 ; APPLICANT: Schlengersien, Reimar
 ; APPLICANT: Bogdahn, Ulrich
 ; TITLE OF INVENTION: Antisense-oligonucleotides for the treatment of
 ; TITLE OF INVENTION: immuno-suppressive effect of transforming-growth-factor bet.
 ; NUMBER OF SEQUENCES: 137

;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Jacobson, Price, Holman & Stern
;; STREET: 400 Seventh St. N.W.
;; CITY: Washington D.C.
;; COUNTRY: U.S.A.
;; ZIP: 20004
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/10/146,058
;; FILING DATE:
;; CLASSIFICATION:
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 08/535,249
;; FILING DATE:
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: EP 93 107 089.0
;; FILING DATE: 30-APR-1993
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: EP 93 107 849.7
;; FILING DATE: 13-MAY-1993
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Player, William E.
;; REGISTRATION NUMBER: 31,409
;; REFERENCE/DOCKET NUMBER: 10577/P58418
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (202) 638-6666
;; TELEFAX: (202) 393-5350
;; TELEX: RCA 248593 IDEA UR
;; INFORMATION FOR SEQ ID NO: 102:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 14 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: unknown
;; TOPOLOGY: unknown
;; MOLECULE TYPE: DNA (genomic)
;; ANTI-SENSE: YES
US-10-146-058-102

Query Match 0.5%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 2.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1143 CTCACCTATACC 1155
Db 13 CTCACATATACC 1

RESULT 480
US-10-038-335-3/c
; Sequence 3, Application US/10038335
; Publication No. US20030096776A1
; GENERAL INFORMATION:
; APPLICANT: Ecker, David J.
; APPLICANT: Wyatt, Jacqueline
; APPLICANT: Bennett, C. Frank
; APPLICANT: Hanecak, Ronnie
; APPLICANT: Brown-Driver, Vickie
; APPLICANT: Vickers, Timothy
; APPLICANT: Chang, Ming-yi
; APPLICANT: Anderson, Kevin
; TITLE OF INVENTION: Modulation Of Telomere Length By Oligonucleotides Having A G-Core
; TITLE OF INVENTION: Sequence
; FILE REFERENCE: ISIS-4976
; CURRENT APPLICATION NUMBER: US/10/038,335
; PRIOR FILING DATE: 2001-01-02
; PRIOR APPLICATION NUMBER: 09/299,058
; PRIOR FILING DATE: 1999-04-23
; PRIOR APPLICATION NUMBER: 08/403,888
; PRIOR FILING DATE: 1995-06-12

;; PRIOR APPLICATION NUMBER: PCT/US93/09297
;; PRIOR FILING DATE: 1993-09-29
;; PRIOR APPLICATION NUMBER: 07/954,185
;; PRIOR FILING DATE: 1992-09-29
;; NUMBER OF SEQ ID NOS: 10
;; SOFTWARE: PatentIn version 3.1
;; SEQ ID NO 3
;; LENGTH: 14
;; TYPE: DNA
;; ORGANISM: No. US20030096776A1el sequence
;; FEATURE:
;; OTHER INFORMATION: Antisense sequence
US-10-038-335-3

Query Match 0.5%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 2.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1250 ACCCATCCCCAA 1262
Db 13 ACCCATCCCCAA 1

RESULT 481
US-10-091-281-175
; Sequence 175, Application US/10091281
; Publication No. US20030190617A1
; GENERAL INFORMATION:
; APPLICANT: RAYMOND, VINCENT
; APPLICANT: SI, ERWIN
; APPLICANT: MORISSETTE, JEAN
; TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
; FILE REFERENCE: 13587.338
; CURRENT APPLICATION NUMBER: US/10/091,281
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 463
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 175
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Putative SRFF/SRF.02 motif
US-10-091-281-175

Query Match 0.5%; Score 11.4; DB 1; Length 14;
Best Local Similarity 92.3%; Pred. No. 2.2e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 844 CCCCATTTGAGA 856
Db 1 CCCCATTTGGA 13

RESULT 482
US-09-504-231A-1537
; Sequence 1537, Application US/09504231A
; Patent No. US20020013458A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS REL
; TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION
; FILE REFERENCE: IDI 247/282
; CURRENT APPLICATION NUMBER: US/09/504,231A
; CURRENT FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 09/274,553
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24

; FILE REFERENCE: C1037/7017(HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/800,266A
; CURRENT FILING DATE: 2001-03-05
; PRIOR APPLICATION NUMBER: US 60/187,214
; PRIOR FILING DATE: 2000-03-03
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 99
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-1537

Query Match 0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 76.9%; Pred. No. 2.6e+02;
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1200 ACCACCCCTATCAG 1212
| |||||:| |||
Db 3 AGCACCCUACAG 15

RESULT 483

US-09-274-553D-1537
; Sequence 1537, Application US/09274553D
; Patent No. US20020082225A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McGswiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATED
; FILE REFERENCE: fpi 247/282
; CURRENT APPLICATION NUMBER: US/09/274,553D
; CURRENT FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3148
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1537
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-1537

Query Match 0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 76.9%; Pred. No. 2.6e+02;
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1200 ACCACCCCTATCAG 1212
| |||||:| |||
Db 3 AGCACCCUACAG 15

RESULT 484

US-09-800-266A-99
; Sequence 99, Application US/09800266A
; Patent No. US20020156033A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids and
; TITLE OF INVENTION: Cancer Medicament Combination Therapy for the Treatment of
; TITLE OF INVENTION: Cancer

; FILE REFERENCE: C1037/7017(HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/800,266A
; CURRENT FILING DATE: 2001-03-05
; PRIOR APPLICATION NUMBER: US 60/187,214
; PRIOR FILING DATE: 2000-03-03
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 99
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-800-266A-99

Query Match 0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1019 AACAGGGGGAGCT 1031
| |||||:| |||
Db 3 ATCAGGGGGAGCT 15

RESULT 485

US-09-935-194-15
; Sequence 15, Application US/09935194
; Patent No. US20020160450A1
; GENERAL INFORMATION:
; APPLICANT: Bucciarelli
; APPLICANT: Levenson
; APPLICANT: Primiano
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR INCREASING PROTEIN YIELD
; FILE REFERENCE: 11202-3
; CURRENT APPLICATION NUMBER: US/09/935,194
; CURRENT FILING DATE: 2001-08-21
; PRIOR APPLICATION NUMBER: 60/226,290
; PRIOR FILING DATE: 2000-08-21
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 15
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: tetracycline
; OTHER INFORMATION: operator
US-09-935-194-15

Query Match 0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1204 CCCTATCAGGGG 1216
| |||||:| |||
Db 2 CCCTATCAGGGAG 14

RESULT 486

US-09-826-290-483
; Sequence 483, Application US/09826290
; Patent No. US20020164668A1
; GENERAL INFORMATION:
; APPLICANT: Durham, L. Kathryn
; APPLICANT: Friedman, David L.
; APPLICANT: Herath, Herath Mudiyanseelage Athula Chandrasiri
; APPLICANT: Kimmel, Lida H.
; APPLICANT: Parekh, Rajesh Bhikhu
; APPLICANT: Potter, David M.
; APPLICANT: Rohlf, Christian
; APPLICANT: Silber, B. Michael
; APPLICANT: Stiger, Thomas R.

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; APPLICANT: Sunderland, P. Trey
; APPLICANT: Townsend, Robert Reid
; APPLICANT: White, Frost
; APPLICANT: Williams, Stephen A.
; TITLE OF INVENTION: Nucleic Acid Molecules, Polypeptides and
; TITLE OF INVENTION: Uses Therefor, Including Diagnosis and Treatment of
; FILE REFERENCE: 2572-1-001 N2
; CURRENT APPLICATION NUMBER: US/09/826,290
; PRIOR FILING DATE: 2001-04-30
; PRIOR APPLICATION NUMBER: US 60/194,504
; PRIOR FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: US 60/253,647
; PRIOR FILING DATE: 2000-11-28
; NUMBER OF SEQ ID NOS: 492
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 483
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)-(15)
; OTHER INFORMATION: primer
US-09-826-290-483

Query Match 0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1098 CACCTGGGCTTC 1110
Db 3 CCCCCTGGGCTTC 15

RESULT 487
US-09-895-007A-99
; Sequence 99, Application US/09895007A
; Patent No. US20020165178A1
; GENERAL INFORMATION:
; APPLICANT: Schetter, Christian
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACIDS FOR THE
; TITLE OF INVENTION: TREATMENT OF ANEMIA, THROMBOCYTOPENIA, AND NEUTROPENIA
; FILE REFERENCE: C1041/7014 (AWS)
; CURRENT APPLICATION NUMBER: US/09/895,007A
; CURRENT FILING DATE: 2001-06-28
; PRIOR FILING DATE: 2000-06-28
; NUMBER OF SEQ ID NOS: 133
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 99
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-09-895-007A-99

Query Match 0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1019 AAGAGGGGGAGCT 1031
Db 3 ATGAGGGGGAGCT 15

RESULT 488
US-09-864-785-3747
; Sequence 3747, Application US/09864785
; Patent No. US20020177568A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of NF-Kappa B
; FILE REFERENCE: 400/022 (MHB00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3747
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-3747

Query Match 0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 76.9%; Pred. No. 2.6e+02;
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1027 GAGCTTGAAGGAA 1039
Db 3 GAGCUUGUAGGAA 15

RESULT 489
US-09-920-313-99
; Sequence 99, Application US/09920313
; Publication No. US20020198165A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; TITLE OF INVENTION: Nucleic Acids for the Prevention and
; TITLE OF INVENTION: Treatment of Gastric Ulcers
; FILE REFERENCE: C1037/7019 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/920,313
; CURRENT FILING DATE: 2001-08-01
; PRIOR APPLICATION NUMBER: US 60/222,248
; PRIOR FILING DATE: 2001-08-08
; NUMBER OF SEQ ID NOS: 148
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 99
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-920-313-99

Query Match 0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1019 AAGAGGGGGAGCT 1031
Db 3 ATGAGGGGGAGCT 15

RESULT 490
US-09-848-754A-9159/c
; Sequence 9159, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rel
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MHB00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
```



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; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 9159
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Enzymatic Nucleic acid
US-09-848-754A-9159

Query Match          0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 864 GGGCACTGAGGAC 876
DB 15 GGGCAATGAGGAC 3

RESULT 491
US-09-979-593-8/c
; Sequence 8, Application US/09979593
; Publication No. US20030082555A1
; GENERAL INFORMATION:
; APPLICANT: Genaisance Pharmaceuticals, Inc.
; APPLICANT: Chew, Anne
; APPLICANT: Choi, Julie Y
; APPLICANT: Denton, R. Rex
; APPLICANT: Kliem, Stefanie E
; APPLICANT: Lee, Helen H
; APPLICANT: Mandabalan, Krishnan
; TITLE OF INVENTION: HAPLOTYPES OF THE ICAM2 GENE
; FILE REFERENCE: MWH-0425 PCT-ICAM2
; CURRENT APPLICATION NUMBER: US/09/979,593
; PRIOR FILING DATE: 2001-11-14
; PRIOR APPLICATION NUMBER: PCT/US01/14714
; PRIOR FILING DATE: 2001-05-07
; PRIOR APPLICATION NUMBER: 60/201,946
; PRIOR FILING DATE: 2000-05-05
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 8
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapien
US-09-979-593-8

Query Match          0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 80.0%; Pred. No. 2.6e+02;
Matches 12; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 862 AAGGGCACTGAGGAC 876
DB 15 AAGGTCATGGGGAC 1

RESULT 492
US-09-776-479-916
; Sequence 916, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fouron, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: Fast-SEQ for Windows Version 3.0

; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 9159
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-916

Query Match          0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1019 AAGAGGGGGGAGCT 1031
DB 3 ATGAGGGGGGAGCT 15

RESULT 493
US-09-912-673A-22/c
; Sequence 22, Application US/09912673A
; Publication No. US20030186230A1
; GENERAL INFORMATION:
; APPLICANT: Ye, Bangce
; TITLE OF INVENTION: MEDIUM AND LOW DENSITY GENE CHIPS
; FILE REFERENCE: JNB 100
; CURRENT APPLICATION NUMBER: US/09/912,673A
; CURRENT FILING DATE: 2001-07-23
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 22
; LENGTH: 15
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: Beta (19) 1 DNA probe
US-09-912-673A-22

Query Match          0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1126 TCCACCTTCACCT 1138
DB 14 TCCACGTTCACCT 2

RESULT 494
US-10-056-414-224
; Sequence 224, Application US/10056414
; Publication No. US20030003469A1
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth G.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; FILE REFERENCE: DISEASES OR CONDITIONS
; CURRENT APPLICATION NUMBER: RELATED TO LEVELS OF
; CURRENT FILING DATE: NP-KB
; NUMBER OF SEQUENCES: 830
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; SUITE: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
```

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;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/056,414
; FILING DATE: 23-Jan-2002
; CLASSIFICATION: <unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/291,932A
; FILING DATE: August 15, 1994
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/157
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 224:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 224:
US-10-056-414-224

Query Match      0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 76.9%; Pred. No. 2.6e+02;
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 1027 GAGCTTCAAGGAA 1039
Db 3 GAGCUUGGAGAA 15

RESULT 495
US-10-112-653-885
; Sequence 885, Application US/10/112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Daniel J.
; APPLICANT: Berg, Arthur M.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
; FILE REFERENCE: C01039/70060(AWS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; PRIOR FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 885
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
US-10-112-653-885

Query Match      0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1019 AAGAGGGGAGCT 1031
Db 3 ATGAGGGGAGCT 15

RESULT 496
US-10-017-995-916
; Sequence 916, Application US/10017995
; Publication No. US2003005014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 916
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-916

Query Match      0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1019 AAGAGGGGAGCT 1031
Db 3 ATGAGGGGAGCT 15

RESULT 497
US-10-010-802-27/c
; Sequence 27, Application US/10010802
; Publication No. US20030078220A1
; GENERAL INFORMATION:
; APPLICANT: Genaisance Pharmaceuticals
; APPLICANT: Chew, Anne
; APPLICANT: Denton, R. Rex
; APPLICANT: Duda, Amy
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Stephens, J. Claiborne
; APPLICANT: Windemuth, Andreas
; TITLE OF INVENTION: Drug Target Isoenes: Polymorphisms in the Interleukin
; FILE REFERENCE: MMH-0002US2 IL4R alpha
; CURRENT APPLICATION NUMBER: US/10/010,802
; CURRENT FILING DATE: 2001-11-09
; PRIOR APPLICATION NUMBER: PCT/US00/19094
; PRIOR FILING DATE: 2000-07-13
; NUMBER OF SEQ ID NOS: 413
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 27
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-010-802-27

Query Match      0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 900 CCTGGTCATTTC 912
Db 15 CCGGGTCATTTC 3

RESULT 498
US-10-287-919-207/c
; Sequence 207, Application US/10287919
; Publication No. US20030085830A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/287,919
```

```
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 2706
; SOFTWARE: Proprietary
; SEQ ID NO 207
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Methanococcus jannaschii complete genome.
; FEATURE:
; LOCATION: (52071)...(52085)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 242
US-10-287-919-207

Query Match      0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 768 TTTCTTTCTAAGA 780
DB 15 TTTGTTTCTAAGA 3

RESULT 499
US-10-287-919-2417/c
; Sequence 2417, Application US/10287919
; Publication No. US20030085830A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Methanococcus jannaschii complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/287,919
; CURRENT FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 2706
; SOFTWARE: Proprietary
; SEQ ID NO 2417
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Methanococcus jannaschii complete genome.
; FEATURE:
; LOCATION: (1497130)...(1497144)
; OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectronObjectNumber = 3097
US-10-287-919-2417

Query Match      0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 768 TTTCTTTCTAAGA 780
DB 15 TTTGTTTCTAAGA 3

RESULT 500
US-10-319-369-3/c
; Sequence 3, Application US/10319369
; Publication No. US20030148352A1
; GENERAL INFORMATION:
; APPLICANT: Glazer, Peter W.
; TITLE OF INVENTION: INTRACELLULAR GENERATION OF SINGLE-STRANDED DNA FOR CHROMOSOMAL RECOMBINATION
; FILE REFERENCE: YU 1224
; CURRENT APPLICATION NUMBER: US/10/319,369
; PRIOR FILING DATE: 2002-12-13
; PRIOR APPLICATION NUMBER: 60/340,803
; PRIOR FILING DATE: 2001-12-14
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 3
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide PCR primer to AG34 (or) rev34
US-10-319-369-3
```

```
Query Match      0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1021 GAGGGGAGCCTG 1033
DB 13 GAGGGGAGCCTG 1

RESULT 501
US-10-292-198-64/c
; Sequence 64, Application US/10292198
; Publication No. US20030157654A1
; GENERAL INFORMATION:
; APPLICANT: SHEN, Ben
; APPLICANT: LIU, Wen
; TITLE OF INVENTION: BIOSYNTHESIS OF ENEDIYNE COMPOUNDS BY MANIPULATION OF C-1027 GEN
; FILE REFERENCE: 054030-0007
; CURRENT APPLICATION NUMBER: US/10/292,198
; CURRENT FILING DATE: 2003-03-14
; PRIOR APPLICATION NUMBER: US 10/159,257
; PRIOR FILING DATE: 2002-05-31
; PRIOR APPLICATION NUMBER: US 09/478,188
; PRIOR FILING DATE: 2000-01-05
; PRIOR APPLICATION NUMBER: US 60/115,434
; PRIOR FILING DATE: 1999-01-06
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 64
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Streptomyces globisporus
US-10-292-198-64

Query Match      0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1130 CTTTCACCTCCAG 1142
DB 14 CTTTCACCTCCG 2

RESULT 502
US-10-202-824-29
; Sequence 29, Application US/10202824
; Publication No. US20030176648A1
; GENERAL INFORMATION:
; APPLICANT: Wood, John N.
; APPLICANT: Akopian, Armen N.
; TITLE OF INVENTION: Ion Channel
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ZENECA Pharmaceuticals
; STREET: 1800 Concord Pike, P.O. Box 15437
; CITY: Wilmington
; STATE: Delaware
; COUNTRY: USA
; ZIP: 19850
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION NUMBER: US/10/202,824
; FILING DATE: 26-Jul-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/669,656
; FILING DATE: 24-JUN-1996
```

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; ATTORNEY/AGENT INFORMATION:
; NAME: Hohenschuetz, Liza D.
; REGISTRATION NUMBER: 33,712
; REFERENCE/DOCKET NUMBER: PHM.70086
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (302) 886-7466
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 29:
US-10-202-824-29

Query Match          0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1006 TCGACACCTGAAA 1018
DB 2 TCGACACCGAGAA 14

RESULT 503
US-10-440-850-19
; Sequence 19, Application US/10440850
; Publication No. US20030207837A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Induction of Graft Tolerance and Reversal
; TITLE OF INVENTION: Immune Responses
; FILE REFERENCE: 250/130 (MBHB00-900-A)
; CURRENT APPLICATION NUMBER: US/10/440,850
; CURRENT FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: US/09/650,012
; PRIOR FILING DATE: 2000-08-28
; PRIOR APPLICATION NUMBER: US 08/585,684
; PRIOR FILING DATE: 1996-01-12
; PRIOR APPLICATION NUMBER: US 60/000,951
; PRIOR FILING DATE: 1995-07-07
; PRIOR APPLICATION NUMBER: US 09/038,073
; PRIOR FILING DATE: 1998-03-11
; NUMBER OF SEQ ID NOS: 2285
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 19
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-440-850-19

Query Match          0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 76.9%; Pred. No. 2.6e+02;
Matches 10; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

QY 806 ACTGTAGAAAAG 818
DB 3 ACUGUAGAAGAG 15

RESULT 504
US-10-271-602B-184
; Sequence 184, Application US/10271602B
; Publication No. US20040002073A1
; GENERAL INFORMATION:
; APPLICANT: Alice Xiang Li
; APPLICANT: Ghazala Hashmi
; APPLICANT: Michael Seul
; TITLE OF INVENTION: MULTIPLEXED ANALYSIS OF POLYMORPHIC LOCI
; TITLE OF INVENTION: BY CONCURRENT INTERROGATION AND ENZYME-MEDIATED DETECTION
; FILE REFERENCE: eMAP-US
; CURRENT APPLICATION NUMBER: US/10/271,602B
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/329,427
; PRIOR FILING DATE: 2001-10-14
; PRIOR APPLICATION NUMBER: 60/329,620
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 60/329,428
; PRIOR FILING DATE: 2001-10-14
; PRIOR APPLICATION NUMBER: 60/329,619
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 60/364,416
; PRIOR FILING DATE: 2002-03-14
; NUMBER OF SEQ ID NOS: 212
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 192
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Probe sequence derived from human genomic sequence
US-10-271-602B-192

Query Match          0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1152 TACCCCGGTGAC 1164
DB 3 TACCCCGAGTGAC 15

RESULT 505
US-10-271-602B-192
; Sequence 192, Application US/10271602B
; Publication No. US20040002073A1
; GENERAL INFORMATION:
; APPLICANT: Alice Xiang Li
; APPLICANT: Ghazala Hashmi
; APPLICANT: Michael Seul
; TITLE OF INVENTION: MULTIPLEXED ANALYSIS OF POLYMORPHIC LOCI
; TITLE OF INVENTION: BY CONCURRENT INTERROGATION AND ENZYME-MEDIATED DETECTION
; FILE REFERENCE: eMAP-US
; CURRENT APPLICATION NUMBER: US/10/271,602B
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/329,427
; PRIOR FILING DATE: 2001-10-14
; PRIOR APPLICATION NUMBER: 60/329,620
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 60/329,428
; PRIOR FILING DATE: 2001-10-14
; PRIOR APPLICATION NUMBER: 60/329,619
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 60/364,416
; PRIOR FILING DATE: 2002-03-14
; NUMBER OF SEQ ID NOS: 212
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 192
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Probe sequence derived from human genomic sequence
US-10-271-602B-192

Query Match          0.5%; Score 11.4; DB 1; Length 15;
Best Local Similarity 92.3%; Pred. No. 2.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1152 TACCCCGGTGAC 1164
DB 3 TACCCCGAGTGAC 15
```

Tue Mar 2 06:29:59 2004

QY 795 CTCCTGTAGTAAC 807
 Db 14 CTCAGTAGTAAC 2
 RESULT 508
 US-10-264-309-484
 ; Sequence 484, Application US/10264309
 ; Publication No. US20040022794A1
 ; GENERAL INFORMATION:
 ; APPLICANT: DURHAM, L. KATHRYN
 ; APPLICANT: FRIEDMAN, DAVID L.
 ; APPLICANT: HERATH, HERATH
 ; APPLICANT: KIMMEL, LIDA H.
 ; APPLICANT: PAREKH, RAJESH B.
 ; APPLICANT: POTTER, DAVID M.
 ; APPLICANT: ROHLF, CHRISTIAN
 ; APPLICANT: SILBER, B. MICHAEL
 ; APPLICANT: SNYDER, PETER J.
 ; APPLICANT: SOARES, HOLLY D.
 ; APPLICANT: STIGER, THOMAS R.
 ; APPLICANT: SUNDERLAND, P. TREY
 ; APPLICANT: TOWNSEND, ROBERT R.
 ; APPLICANT: WHITE, W. FROST
 ; APPLICANT: WILLIAMS, STEPHEN A.
 ; TITLE OF INVENTION: NUCLEIC ACID MOLECULES, POLYPEPTIDES AND USES THEREFOR,
 ; INCLUDING DIAGNOSIS AND TREATMENT OF ALZHEIMER'S DISEASE
 ; FILE REFERENCE: POA-002.01
 ; CURRENT APPLICATION NUMBER: US/10/264,309
 ; CURRENT FILING DATE: 2002-10-03
 ; PRIOR APPLICATION NUMBER: 60/326,708
 ; PRIOR FILING DATE: 2001-10-03
 ; NUMBER OF SEQ ID NOS: 491
 ; SOFTWARE: PatentIn Version 2.1
 ; SEQ ID NO 484
 ; LENGTH: 15
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: DNA probe
 US-10-264-309-484
 Query Match 0.5%; Score 11.4; DB 1; Length 15;
 Best Local Similarity 92.3%; Pred. No. 2.6e+02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 1098 CACCCTGGGCTTC 1110
 Db 3 CCCCCCTGGGCTTC 15
 RESULT 509
 US-10-084-839-3223/c
 ; Sequence 3223, Application US/10084839
 ; Publication No. US20030186238A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Third Wave Technologies
 ; APPLICANT: Allawi, Hatim
 ; APPLICANT: Argue, Brad T.
 ; APPLICANT: Bartholomay, Christian T.
 ; APPLICANT: Chehak, LuAnne
 ; APPLICANT: Curtis, Michelle L.
 ; APPLICANT: Eis, Peggy S.
 ; APPLICANT: Hall, Jeff G.
 ; APPLICANT: Ip, Hon S.
 ; APPLICANT: Ji, Lin
 ; APPLICANT: Kaiser, Michael
 ; APPLICANT: Kwiatkowski, Jr., Robert W.
 ; APPLICANT: Lukowiak, Andrew A.
 ; APPLICANT: Lyamichev, Victor
 ; APPLICANT: Lymaicheva, Natalie E.
 ; APPLICANT: Ma, WuPo

US-10-271-602B-200
 ; Sequence 200, Application US/10271602B
 ; Publication No. US20040002073A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Alice Xiang Li
 ; APPLICANT: Ghazala Hashmi
 ; APPLICANT: Michael Seul
 ; TITLE OF INVENTION: MULTIPLEXED ANALYSIS OF POLYMORPHIC LOCI
 ; BY CONCURRENT INTERROGATION AND ENZYME-MEDIATED DETECTION
 ; FILE REFERENCE: eMAP-US
 ; CURRENT APPLICATION NUMBER: US/10/271,602B
 ; CURRENT FILING DATE: 2002-10-15
 ; PRIOR APPLICATION NUMBER: 60/329,427
 ; PRIOR FILING DATE: 2001-10-14
 ; PRIOR APPLICATION NUMBER: 60/329,620
 ; PRIOR FILING DATE: 2001-10-15
 ; PRIOR APPLICATION NUMBER: 60/329,428
 ; PRIOR FILING DATE: 2001-10-14
 ; PRIOR APPLICATION NUMBER: 60/329,619
 ; PRIOR FILING DATE: 2001-10-15
 ; PRIOR APPLICATION NUMBER: 60/364,416
 ; PRIOR FILING DATE: 2002-03-14
 ; NUMBER OF SEQ ID NOS: 212
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 200
 ; LENGTH: 15
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Probe sequence derived from human genomic sequence
 US-10-271-602B-200
 Query Match 0.5%; Score 11.4; DB 1; Length 15;
 Best Local Similarity 92.3%; Pred. No. 2.6e+02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 QY 1152 TACCCCGGTGAC 1164
 Db 3 TACCCCGGTGAC 15
 RESULT 507
 US-10-338-366-25/c
 ; Sequence 25, Application US/10338366
 ; Publication No. US20040006215A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Keler, Tibor
 ; APPLICANT: Trembl, John
 ; TITLE OF INVENTION: HUMAN MONOCLONAL ANTIBODIES AGAINST CD30
 ; CURRENT APPLICATION NUMBER: US/10/338,366
 ; CURRENT FILING DATE: 2003-01-07
 ; PRIOR APPLICATION NUMBER: US 60/347649
 ; PRIOR FILING DATE: 2002-01-09
 ; PRIOR APPLICATION NUMBER: US 60/404427
 ; PRIOR FILING DATE: 2002-08-19
 ; PRIOR APPLICATION NUMBER: US 60/431684
 ; PRIOR FILING DATE: 2002-12-06
 ; NUMBER OF SEQ ID NOS: 53
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 25
 ; LENGTH: 15
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 US-10-338-366-25
 Query Match 0.5%; Score 11.4; DB 1; Length 15;
 Best Local Similarity 92.3%; Pred. No. 2.6e+02;
 Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Teetska Y.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vedvik, Kevin L.
; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: FORS-06666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3223
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-3223

Query Match 0.5%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1198 GCACCACCCATC 1210
Db 14 GCACCACCATC 2

RESULT 510

US-10-091-281-174/c
; Sequence 174, Application US/10091281
; Publication No. US20030190617A1
; GENERAL INFORMATION:
; APPLICANT: RAYMOND, VINCENT
; APPLICANT: SI, ERWIN
; APPLICANT: MORISETTE, JEAN
; TITLE OF INVENTION: OPINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
; FILE REFERENCE: 13587.338
; CURRENT APPLICATION NUMBER: US/10/091,281
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 463
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 174
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Putative ECAT/NFY.01 motif
US-10-091-281-174

Query Match 0.5%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 844 CCCGAGTTGGA 856
Db 16 CCCGAGTTGGGA 4

RESULT 511

US-10-091-281-378/c
; Sequence 378, Application US/10091281
; Publication No. US20030190617A1
; GENERAL INFORMATION:
; APPLICANT: RAYMOND, VINCENT
; APPLICANT: SI, ERWIN
; APPLICANT: MORISETTE, JEAN
; TITLE OF INVENTION: OPINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
; FILE REFERENCE: 13587.338
; CURRENT APPLICATION NUMBER: US/10/091,281

; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 463
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 378
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Putative LYMF/THIB47.01 motif
US-10-091-281-378

Query Match 0.5%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1057 GCCCAACCCAA 1069
Db 15 GCCCAACCCAA 3

RESULT 512

US-10-321-039-718
; Sequence 718, Application US/10321039
; Publication No. US20040014067A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Jarvis, Nancy
; APPLICANT: Lukowiak, Andrew
; APPLICANT: Kurensky, David
; TITLE OF INVENTION: Amplification Methods and Compositions
; FILE REFERENCE: FORS-06960
; CURRENT APPLICATION NUMBER: US/10/321,039
; CURRENT FILING DATE: 2002-12-17
; PRIOR APPLICATION NUMBER: 09/998,157
; PRIOR FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: 60/329,113
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 60/360,489
; PRIOR FILING DATE: 2001-10-19
; NUMBER OF SEQ ID NOS: 759
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 718
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-321-039-718

Query Match 0.5%; Score 11.4; DB 1; Length 16;
Best Local Similarity 92.3%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 885 CACAGTGTGTG 897
Db 1 CACAGTGTGTG 13

RESULT 513

US-09-780-533A-2378
; Sequence 2378, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haeberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MEH00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797

Tue Mar 2 06:29:59 2004

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; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2378
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-2378

Query Match      0.5%; Score 11.4; DB 1; Length 17;
Best Local Similarity 69.2%; Pred. No. 3.6e+02;
Matches 9; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1506 GCTGGAGCTGCTG 1518
    |||||:||||
Db 5 GCUGAGGUGCUG 17

RESULT 514
US-09-827-395A-527/c
; Sequence 527, Application US/09827395A
; Publication No. US20030113891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Lawrence Blatt
; APPLICANT: James McSwiggen
; APPLICANT: Bharat Chowhira
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO and NOGO Receptor
; FILE REFERENCE: MBH800-878-C (400/017)
; CURRENT APPLICATION NUMBER: US/09/827,395A
; CURRENT FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: 09/780,533
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 2617
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 527
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-827-395A-527

Query Match      0.5%; Score 11.4; DB 1; Length 17;
Best Local Similarity 92.3%; Pred. No. 3.6e+02;
Matches 12; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 627 GTGGGCTGCAGG 639
    |||||:|||||
Db 16 GTGAGGCTGCAGG 4

RESULT 515
US-10-349-977-2
; Sequence 2, Application US/10349977
; Publication No. US20040013646A1
; GENERAL INFORMATION:
; APPLICANT: WALLACH, David
; APPLICANT: BOLDIN, Mark
; APPLICANT: METT, Igor
; APPLICANT: VARFOLOMEEV, Eugene
; TITLE OF INVENTION: MODULATOR OF TNF/NGF SUPERFAMILY RECEPTORS
; AND SOLUBLE OLIGOMERIC TNF/NGF SUPERFAMILY RECEPTORS
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BROWDY AND NEIMARK
; STREET: 419 Seventh Street, N.W., Suite 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk

```

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; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/349,977
; FILING DATE: 24-Jan-2003
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/747,562
; FILING DATE: 11-MAY-1995
; APPLICATION NUMBER: PCT/US95/05854
; FILING DATE: 11-MAY-1994
; APPLICATION NUMBER: IL 109,632
; FILING DATE: 02-OCT-1994
; APPLICATION NUMBER: IL 111,125
; FILING DATE: 02-OCT-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: BROWDY, Roger L.
; REGISTRATION NUMBER: 25,618
; REFERENCE/DOCKET NUMBER: WALLACH=15A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-737-3528
; TELEFAX: 202-737-3528
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-10-349-977-2

Query Match      0.5%; Score 11.4; DB 1; Length 28;
Best Local Similarity 71.4%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 1827 CGTGGCTCAAGAGCTGAGT 1847
    |||||:|||||
Db 4 CGTCGACTGTGGTGCCTGAGT 24

RESULT 516
US-09-811-045A-4
; Sequence 4, Application US/09811045A
; Patent No. US2002003080A1
; GENERAL INFORMATION:
; APPLICANT: Scott, Robert E.
; TITLE OF INVENTION: cDNA encoding P2P proteins and use of P2P cDNA-
; derived antibodies and antisense reagents
; TITLE OF INVENTION: in determining the proliferative potential of
; TITLE OF INVENTION: normal, abnormal and cancer cells in animals
; TITLE OF INVENTION: and humans
; FILE REFERENCE: D6386D
; CURRENT APPLICATION NUMBER: US/09/811,045A
; CURRENT FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: US 08/801,308
; PRIOR FILING DATE: 1997-02-18
; NUMBER OF SEQ ID NOS: 4
; SEQ ID NO 4
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; NAME/KEY: primer bind
; OTHER INFORMATION: P2P sense oligonucleotide
US-09-811-045A-4

Query Match      0.5%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1043 CTACTAAGCCCTGGC 1058
    |||||:|||||

```

```
Db      1  CTACTAAGCCATCGGC 16

RESULT 517
US-09-864-636A-1871/c
; Sequence 1871, Application US/09864636A
; Publication No. US20030104378A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allwai, Hatim
; APPLICANT: Bartholomay, Christian
; APPLICANT: Chehak, LuAnne
; TITLE OF INVENTION: Detection of RNA Sequences
; FILE REFERENCE: FORS-04944
; CURRENT APPLICATION NUMBER: US/09/864,636A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 1871
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-636A-1871

Query Match      0.5%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1178  CGGCTCCCGCAGAGA 1193
Db      16  CGGCTCCCGTGTGAGA 1

RESULT 518
US-09-864-426A-1871/c
; Sequence 1871, Application US/09864426A
; Publication No. US20040018489A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Ma, Wu Po
; APPLICANT: Lyamichev, Victor
; APPLICANT: Saiser, Michael
; TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
; FILE REFERENCE: FORS-04946
; CURRENT APPLICATION NUMBER: US/09/864,426A
; CURRENT FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 1871
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-426A-1871

Query Match      0.5%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1178  CGGCTCCCGCAGAGA 1193
Db      16  CGGCTCCCGTGTGAGA 1

RESULT 519
US-10-453-792-9/c
; Sequence 9, Application US/10453792
; Publication No. US20040029110A1
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; APPLICANT: KURTH, JANICE
; TITLE OF INVENTION: Genotyping Human Phenol Sulfotransferase
; FILE REFERENCE: 4389-6 (formerly SEQ-16P)
; CURRENT APPLICATION NUMBER: US/10/206,839
; CURRENT FILING DATE: 2002-07-26
; PRIOR APPLICATION NUMBER: 09/328,174
; PRIOR FILING DATE: 1999-06-08
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 15
; LENGTH: 16

ROSSAU, RUDI
MAERTENS, GERT
TITLE OF INVENTION: METHOD FOR TYPING AND DETECTING HBV
NUMBER OF SEQUENCES: 313
CORRESPONDENCE ADDRESS:
ADDRESSEE: NIXON & VANDERHYE P.C.
STREET: 1100 NORTH GLEBE ROAD
CITY: ARLINGTON
STATE: VIRGINIA
COUNTRY: U.S.A.
ZIP: 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30 (EPO)
CURRENT APPLICATION NUMBER: US/10/453,792
FILING DATE: 04-Jun-2003
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/155,885A
FILING DATE: 08-Oct-1998
APPLICATION NUMBER: PCT/EP97/02002
FILING DATE: 21-APR-1997
APPLICATION NUMBER: EP 96870053.4
FILING DATE: 19-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: SADOFF, B.J.
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 2551-5
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 816-4000
TELEFAX: (703) 816-4100
INFORMATION FOR SEQ ID NO: 9:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 9:
US-10-453-792-9

Query Match      0.5%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1053  CCTGGCCCCCAACCCA 1068
Db      16  CCATGCCCAAGCCA 1

RESULT 520
US-10-206-839-15
; Sequence 15, Application US/10206839
; Publication No. US2003009977A1
; GENERAL INFORMATION:
; APPLICANT: Guida, Marco
; APPLICANT: Kurth, Janice
; TITLE OF INVENTION: Genotyping Human Phenol Sulfotransferase
; FILE REFERENCE: 4389-6 (formerly SEQ-16P)
; CURRENT APPLICATION NUMBER: US/10/206,839
; CURRENT FILING DATE: 2002-07-26
; PRIOR APPLICATION NUMBER: 09/328,174
; PRIOR FILING DATE: 1999-06-08
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 15
; LENGTH: 16
```



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; TYPE: DNA
; ORGANISM: H. sapiens
US-10-206-839-15

Query Match      0.5%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 874 GACTCAGGCACACAG 889
Db 1 GACTCAGGCACAG 16

RESULT 521
US-10-108-164-7
; Sequence 7, Application US/10108164
; Publication No. US20030104356A1
; GENERAL INFORMATION:
; APPLICANT: Berger, Shelley L.
; APPLICANT: Fraser, Nigel W.
; APPLICANT: Tal-Singer, Ruth
; APPLICANT: Leary, Jeffrey J.
; TITLE OF INVENTION: Compounds And Methods For Treating And
; TITLE OF INVENTION: Screening Viral Reactivation
; FILE REFERENCE: P50682C1
; CURRENT APPLICATION NUMBER: US/10/108,164
; CURRENT FILING DATE: 2002-03-26
; PRIOR FILING DATE: 2002-03-26
; PRIOR FILING DATE: 1999-07-01
; PRIOR FILING DATE: 1998-07-01
; PRIOR FILING DATE: 1998-07-01
; PRIOR FILING DATE: 1997-07-03
; PRIOR FILING DATE: 1997-08-01
; PRIOR FILING DATE: 1998-04-01
; NUMBER OF SEQ ID NOS: 145
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Herpes simplex virus
US-10-108-164-7

Query Match      0.5%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1128 CACCTTCACCTCCAGC 1143
Db 1 CACCTTCACCTCCAGC 16

RESULT 522
US-10-184-385-15
; Sequence 15, Application US/10184385
; Publication No. US20030172395A1
; GENERAL INFORMATION:
; APPLICANT: Chiang, Vincent Lee C.
; APPLICANT: Tsai, Chung-Jui
; APPLICANT: Hu, Wen-Jing
; TITLE OF INVENTION: GENETIC ENGINEERING OF TREES THROUGH MANIPULATION OF LIGNIN
; TITLE OF INVENTION: BIOSYNTHESIS
; FILE REFERENCE: 66040/9651
; CURRENT APPLICATION NUMBER: US/10/184,385
; CURRENT FILING DATE: 2002-06-27
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: Word 97 (DOS text format)
; SEQ ID NO 15
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Populus tremuloides Michx. (aspen)

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US-10-184-385-15

Query Match      0.5%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1252 CCCATCCCCCAACCCCC 1267
Db 1 CCTTTCACCAACCCCC 16

RESULT 523
US-10-084-839-1871/c
; Sequence 1871, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eis, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: IP, Hon S.
; APPLICANT: Ji, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiatkowski Jr., Robert W.
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lyamichev, Victor
; APPLICANT: Lymaicheva, Natalie E.
; APPLICANT: Ma, WuPo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Teetska Y.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vedvik, Kevin L.
; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: FORS-06666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1871
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-1871

Query Match      0.5%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1178 CGGCTCCCCGCGAGAGA 1193
Db 16 CGCCTCCCTGCTGAGA 1

RESULT 524
US-10-084-839-3073/c
; Sequence 3073, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne

```

APPLICANT: Curtis, Michelle L.
APPLICANT: Eis, Peggy S.
APPLICANT: Hall, Jeff G.
APPLICANT: Ip, Hon S.
APPLICANT: Ji, Lin
APPLICANT: Kaiser, Michael
APPLICANT: Kwiatkowski, Jr., Robert W.
APPLICANT: Lukowiak, Andrew A.
APPLICANT: Lyamichiev, Victor
APPLICANT: Lymaicheva, Natalie E.
APPLICANT: Ma, WuPo
APPLICANT: Neri, Bruce P.
APPLICANT: Olson, Sarah M.
APPLICANT: Olson-Munoz, Marilyn C.
APPLICANT: Schaefer, James J.
APPLICANT: Skrzypczynski, Zbigniew
APPLICANT: Takova, Tsetska Y.
APPLICANT: Thompson, Lisa C.
APPLICANT: Vedvik, Kevin L.
TITLE OF INVENTION: RNA Detection Assays
FILE REFERENCE: FORS-06666
CURRENT APPLICATION NUMBER: US/10/084,839
CURRENT FILING DATE: 2002-02-26
NUMBER OF SEQ ID NOS: 4004
SOFTWARE: PatentIn version 3.1
SEQ ID NO 3073
LENGTH: 16
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-084-839-3073

Query Match 0.5%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 741 GAACACCGTGTGCACC 756
DB 16 GATCACCTTCGCACC 1

RESULT 525
US-10-092-885-18/c
Sequence 18, Application US/10092885
Publication No. US20030190618A1
GENERAL INFORMATION:
APPLICANT: SAMAL, BABRU
APPLICANT: LI, YUAN
APPLICANT: HERMIDA, LEANDRO C.
APPLICANT: HOPPA, NANCY L.
APPLICANT: JOHE, KARL K.
TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG
FILE REFERENCE: 0109015/026
CURRENT APPLICATION NUMBER: US/10/092,885
CURRENT FILING DATE: 2002-03-06
NUMBER OF SEQ ID NOS: 60
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 18
LENGTH: 16
TYPE: DNA
ORGANISM: Homo sapiens
US-10-092-885-18

Query Match 0.5%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1119 GCCCAGTTCACCTTC 1134
DB 16 GCACAGCTGCACCTTC 1

RESULT 526
US-10-092-885-32/c
Sequence 32, Application US/10092885
Publication No. US20030190618A1
GENERAL INFORMATION:
APPLICANT: SAMAL, BABRU
APPLICANT: LI, YUAN
APPLICANT: HERMIDA, LEANDRO C.
APPLICANT: HOPPA, NANCY L.
APPLICANT: JOHE, KARL K.
TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG
FILE REFERENCE: 0109015/026
CURRENT APPLICATION NUMBER: US/10/092,885
CURRENT FILING DATE: 2002-03-06
NUMBER OF SEQ ID NOS: 60
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 32
LENGTH: 16
TYPE: DNA
ORGANISM: Homo sapiens
US-10-092-885-32

Query Match 0.5%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1119 GCCCAGTTCACCTTC 1134
DB 16 GCACAGCTGCACCTTC 1

RESULT 527
US-10-092-885-57/c
Sequence 57, Application US/10092885
Publication No. US20030190618A1
GENERAL INFORMATION:
APPLICANT: SAMAL, BABRU
APPLICANT: LI, YUAN
APPLICANT: HERMIDA, LEANDRO C.
APPLICANT: HOPPA, NANCY L.
APPLICANT: JOHE, KARL K.
TITLE OF INVENTION: METHOD FOR GENERATING FIVE PRIME BIASED TANDEM TAG
FILE REFERENCE: 0109015/026
CURRENT APPLICATION NUMBER: US/10/092,885
CURRENT FILING DATE: 2002-03-06
NUMBER OF SEQ ID NOS: 60
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 57
LENGTH: 16
TYPE: DNA
ORGANISM: Homo sapiens
US-10-092-885-57

Query Match 0.5%; Score 11.2; DB 1; Length 16;
Best Local Similarity 81.2%; Pred. No. 3.5e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1133 TCACCTCCAGCTCCAC 1148
DB 16 TCACCTCCAGCTCCAC 1

RESULT 528
US-10-376-341-155/c
Sequence 155, Application US/10376341
Publication No. US20040002473A1
GENERAL INFORMATION:
APPLICANT: KURRECK, Jens
APPLICANT: ERDMANN, Volker A.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES AGAINST VRI

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RESUMI 350
US-10-238-700-802/c
; Sequence 802, Application US/10238700
; Publication No. US20030159521a1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: Nucleic Acid Treatment
; FILE REFERENCE: 400/057 (MBBH01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16940
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471

```

Query Match 0.5%; Score 11.2; DB 1; Length 17;
Best Local Similarity 62.5%; Pred. No. 4e+02;

Matches 10; Conservative 3; Mismatches 3; Indels 3; Gaps 0;

QY 2105 AATGGGGCTTCAGCT 2120
||:||||: ||:
Db 1 AAUGGGGCCUGGGGCU 16

RESULT 533

US-10-238-700-3585/c
; Sequence 3585, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment
; FILE REFERENCE: 400/057 (MEHB01-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 3585
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-3585

Query Match 0.5%; Score 11.2; DB 1; Length 17;

Best Local Similarity 81.2%; Pred. No. 4e+02; Mismatches 0; Gaps 0;
Matches 13; Conservative 0; Indels 3; Indels 0; Gaps 0;

QY 1279 GAGGACAGCGCCACA 1294
||| ||||| |||||
Db 17 GGGGTGAGCTCCACA 2

RESULT 534

US-10-197-290-36/c
; Sequence 36, Application US/10197290
; Publication No. US20030083300A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Elizabeth J. Ackermann
; APPLICANT: Lex M. Cowsert
; TITLE OF INVENTION: ANTISENSE MODULATION OF CELLULAR INHIBITOR OF APOPTOSIS-2
; FILE REFERENCE: RTSP-0421
; CURRENT APPLICATION NUMBER: US/10/197,290
; CURRENT FILING DATE: 2002-07-16
; PRIOR APPLICATION NUMBER: 09/857,299
; PRIOR FILING DATE: 2001-20-04
; PRIOR APPLICATION NUMBER: PCT/US99/22083
; PRIOR FILING DATE: 1998-09-23
; NUMBER OF SEQ ID NOS: 47
; SEQ ID NO 36
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-197-290-36

Query Match 0.5%; Score 11.2; DB 1; Length 18;

Best Local Similarity 81.2%; Pred. No. 4.6e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 74 GAGAGGAGGGGAGAGA 89
||| ||||| |||||
Db 18 GGGAGAGGAGAGAGA 3

RESULT 535

US-10-388-263-189/c
; Sequence 189, Application US/10388263
; Publication No. US20030228597A1
; GENERAL INFORMATION:
; APPLICANT: Cowsert, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeil, John
; APPLICANT: Freier, Susan M.
; APPLICANT: Sasmor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Ohashi, Cara
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
; TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
; FILE REFERENCE: ISIS-4503
; CURRENT APPLICATION NUMBER: US/10/388,263
; CURRENT FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 189
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-189

Query Match 0.5%; Score 11.2; DB 1; Length 18;

Best Local Similarity 81.2%; Pred. No. 4.6e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 74 GAGAGGAGGGGAGAGA 89
||| ||||| |||||
Db 18 GGGAGAGGAGAGAGA 3

RESULT 536

US-09-976-782-72
; Sequence 72, Application US/09976782
; Publication No. US20030190715A1
; GENERAL INFORMATION:
; APPLICANT: Grosse et al
; TITLE OF INVENTION: No. US20030190715a1 Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-157
; CURRENT APPLICATION NUMBER: US/09/976,782
; CURRENT FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 60/240,113
; PRIOR FILING DATE: 2000-10-12
; PRIOR APPLICATION NUMBER: 60/240,662
; PRIOR FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: 60/240,732
; PRIOR FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: 60/240,625
; PRIOR FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: 60/240,703
; PRIOR FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: 60/241,190
; PRIOR FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: 60/240,637
; PRIOR FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: 60/240,669
; PRIOR FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: 60/262,455
; PRIOR FILING DATE: 2001-01-18
; PRIOR APPLICATION NUMBER: 60/240,648
; PRIOR FILING DATE: 2000-10-16
; NUMBER OF SEQ ID NOS: 127
; SOFTWARE: PatentIn Ver. 2.1

```
; SEQ ID NO 72
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:oligonucleotide
; OTHER INFORMATION: Primer
US-09-976-782-72

Query Match      0.5%; Score 11.2; DB 1; Length 20;
Best Local Similarity 81.2%; Pred. No. 5.6e+02;
Matches 13; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1557 GGAGGACATCGAGGAG 1572
Db 3 GGAGGAGCTGGAGGAG 18

RESULT 537
US-09-365-029-72
; Sequence 72, Application US/09365029
; Patent No. US20010021772A1
; GENERAL INFORMATION:
; APPLICANT: UHLMANN, Eugen
; APPLICANT: PEYMAN, Anuschirwan
; APPLICANT: BITONTI, Alan J.
; APPLICANT: WOESSNER, Richard D.
; TITLE OF INVENTION: SHORT OLIGONUCLEOTIDES FOR THE INHIBITION OF VEGF
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 26083/208
; CURRENT APPLICATION NUMBER: US/09/365,029
; CURRENT FILING DATE: 1999-08-02
; EARLIER APPLICATION NUMBER: EP 98114853.9
; EARLIER FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 94
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 72
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: VEGF antisense
; OTHER INFORMATION: oligonucleotide
US-09-365-029-72

Query Match      0.5%; Score 11; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 909 TTTCTTTGGTC 919
Db 2 TTTCTTTGGTC 12

RESULT 538
US-09-380-932-10
; Sequence 10, Application US/09380932
; Patent No. US20020058250A1
; GENERAL INFORMATION:
; APPLICANT: FIRTH, Greg
; TITLE OF INVENTION: EXTRACTION AND UTILISATION OF VNTR ALLELES
; FILE REFERENCE: 28911/35930
; CURRENT APPLICATION NUMBER: US/09/380,932
; CURRENT FILING DATE: 1999-03-21
; PRIOR APPLICATION NUMBER: PCT/GB98/00840
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: EP 97301917.7
; PRIOR FILING DATE: 1997-03-21
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 10
; LENGTH: 12
; TYPE: DNA
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide
US-09-380-932-10

Query Match      0.5%; Score 11; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1224 CATCCTTGCGA 1234
Db 1 CATCCTTGCGA 11

RESULT 539
US-09-841-157A-19/c
; Sequence 19, Application US/09841157A
; Publication No. US20020192648A1
; GENERAL INFORMATION:
; APPLICANT: NISHIGAKI, KOICHI
; APPLICANT: TAKASAWA, TSUTOMU
; APPLICANT: HAMANO, KEIICHI
; TITLE OF INVENTION: METHODS OF IDENTIFYING AN ORGANISM BASED ON ITS GENOTYPE
; FILE REFERENCE: 12637/P66602USO
; CURRENT APPLICATION NUMBER: US/09/841,157A
; CURRENT FILING DATE: 2001-04-25
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 19
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-841-157A-19

Query Match      0.5%; Score 11; DB 1; Length 12;
Best Local Similarity 100.0%; Pred. No. 1.8e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1059 CCCAAACCCAA 1069
Db 12 CCCAAACCCAA 2

RESULT 540
US-10-117-108A-25/c
; Sequence 25, Application US/10117108A
; Publication No. US20030082571A1
; GENERAL INFORMATION:
; APPLICANT: KACHAB, Edward H.
; APPLICANT: BARNETT, Graeme R.
; TITLE OF INVENTION: LINEAR NUCLEIC ACID AND SEQUENCE THEREFOR
; FILE REFERENCE: 37955-0004
; CURRENT APPLICATION NUMBER: US/10/117,108A
; CURRENT FILING DATE: 2002-04-08
; PRIOR APPLICATION NUMBER: US 60/282,491
; PRIOR FILING DATE: 2001-04-10
; NUMBER OF SEQ ID NOS: 80
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 25
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(6)
; OTHER INFORMATION: The monomer ttgggg may be repeated from 2-20 times
US-10-117-108A-25
```

Tue Mar 2 06:29:59 2004

Query Match 0.5%; Score 11; DB 1; Length 12;
 Best Local Similarity 100.0%; Pred. No. 1.8e+02;
 Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1059 CCAACCCCAA 1069
 |||||
 Db 12 CCAACCCCAA 2

RESULT 541
 US-09-740-332-4742
 ; Sequence 4742, Application US/09740332
 ; Publication No. US20030125270A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals Inc.
 ; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
 ; TITLE OF INVENTION: Hepatitis C Virus Infection
 ; FILE REFERENCE: RFI 400/003
 ; CURRENT APPLICATION NUMBER: US/09/740,332
 ; CURRENT FILING DATE: 2001-03-26
 ; NUMBER OF SEQ ID NOS: 9704
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 4742
 ; LENGTH: 13
 ; TYPE: RNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; LOCATION:
 ; OTHER INFORMATION: oligonucleotide substrate
 US-09-740-332-4742

Query Match 0.5%; Score 11; DB 1; Length 13;
 Best Local Similarity 81.8%; Pred. No. 2.3e+02;
 Matches 9; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1203 ACCCTATCAGG 1213
 |||||
 Db 1 ACCCUAUCAGG 11

RESULT 542
 US-09-817-879-4742
 ; Sequence 4742, Application US/09817879
 ; Publication No. US20030171311A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ribozyme Pharmaceuticals Inc.
 ; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
 ; TITLE OF INVENTION: Hepatitis C Virus Infection
 ; FILE REFERENCE: MEHB00-801-F
 ; CURRENT APPLICATION NUMBER: US/09/817,879
 ; CURRENT FILING DATE: 2001-03-26
 ; NUMBER OF SEQ ID NOS: 9703
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 4742
 ; LENGTH: 13
 ; TYPE: RNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; LOCATION:
 ; OTHER INFORMATION: oligonucleotide substrate
 US-09-817-879-4742

Query Match 0.5%; Score 11; DB 1; Length 13;
 Best Local Similarity 81.8%; Pred. No. 2.3e+02;
 Matches 9; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 1203 ACCCTATCAGG 1213
 |||||
 Db 1 ACCCUAUCAGG 11

RESULT 543
 US-10-229-370-38
 ; Sequence 38, Application US/10229370
 ; Publication No. US20030082600A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Olek, Alexander
 ; APPLICANT: Berlin, Kurt
 ; TITLE OF INVENTION: Highly sensitive method for the detection of cytosine methylation
 ; TITLE OF INVENTION: patterns
 ; FILE REFERENCE: 81859
 ; CURRENT APPLICATION NUMBER: US/10/229,370
 ; CURRENT FILING DATE: 2002-08-27
 ; NUMBER OF SEQ ID NOS: 40
 ; SOFTWARE: PatentIn version 3.1
 ; SEQ ID NO 38
 ; LENGTH: 13
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: primer
 US-10-229-370-38

Query Match 0.5%; Score 11; DB 1; Length 13;
 Best Local Similarity 100.0%; Pred. No. 2.3e+02;
 Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1250 ACCCATCCCC 1260
 |||||
 Db 3 ACCCATCCCC 13

RESULT 544
 US-09-504-231A-1054
 ; Sequence 1054, Application US/09504231A
 ; Patent No. US20020013458A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Blatt, Lawrence
 ; APPLICANT: McSwiggen, James
 ; APPLICANT: Roberts, Beth
 ; APPLICANT: Pavco, Pamela
 ; APPLICANT: Macejak, Dennis
 ; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS REL
 ; TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION
 ; FILE REFERENCE: IPI 247/282
 ; CURRENT APPLICATION NUMBER: US/09/504,231A
 ; CURRENT FILING DATE: 2000-02-15
 ; PRIOR APPLICATION NUMBER: 09/274,553
 ; PRIOR FILING DATE: 1999-03-23
 ; PRIOR APPLICATION NUMBER: 09/257,608
 ; PRIOR FILING DATE: 1999-02-24
 ; PRIOR APPLICATION NUMBER: 60/100,842
 ; PRIOR FILING DATE: 1998-09-18
 ; PRIOR APPLICATION NUMBER: 60/083,217
 ; PRIOR FILING DATE: 1998-04-27
 ; NUMBER OF SEQ ID NOS: 3242
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 1054
 ; LENGTH: 15
 ; TYPE: RNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
 US-09-504-231A-1054

Query Match 0.5%; Score 11; DB 1; Length 15;
 Best Local Similarity 81.8%; Pred. No. 3.3e+02;
 Matches 9; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

Qy 974 AGTCCAAGCTC 984
 |||||
 Db 5 AGUCCAAGCUC 15

RESULT 545

US-09-274-553D-1054
; Sequence 1054, Application US/09274553D
; Patent No. US20020082225A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATED
; FILE REFERENCE: HEPATITIS C VIRUS INFECTION
; CURRENT FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3148
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1054
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-1054

Query Match 0.5%; Score 11; DB 1; Length 15;
Best Local Similarity 81.8%; Pred. No. 3.3e+02;
Matches 9; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 974 AGTCCAAGCTC 984
|||:|||||:
Db 5 AGUCCAGCUC 15

RESULT 546

US-09-918-728B-12/c
; Sequence 12, Application US/09918728B
; Publication No. US20030105308A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leonid
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleoside Triphosphates and Their Incorporation into Oligonucleo
; FILE REFERENCE: MHB00-831-H (400/033)
; CURRENT APPLICATION NUMBER: US/09/918,728B
; CURRENT FILING DATE: 2002-04-03
; NUMBER OF SEQ ID NOS: 127
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 12
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-918-728B-12

Query Match 0.5%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 837 GTGCCTACCC 847
|||||:
Db 15 GTGCCTACCC 5

RESULT 547

US-09-882-945A-288
; Sequence 288, Application US/09882945A
; Publication No. US20030143535A1

; GENERAL INFORMATION:
; APPLICANT: Lyamichiev, Victor
; APPLICANT: Allawi, Hatim
; APPLICANT: Dong, Fang
; APPLICANT: Neri, Bruce
; APPLICANT: Vener, Tatiana
; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
; FILE REFERENCE: FORS-04586
; CURRENT APPLICATION NUMBER: US/09/882,945A
; CURRENT FILING DATE: 2001-06-15
; NUMBER OF SEQ ID NOS: 334
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 288
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-882-945A-288

Query Match 0.5%; Score 11; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 971 GGAAGTCCAAG 981
|||||:
Db 1 GGAAGTCCAAG 11

RESULT 548

US-10-044-674-46/c
; Sequence 46, Application US/10044674
; Publication No. US20030175710A1
; GENERAL INFORMATION:
; APPLICANT: Chew, Anne
; APPLICANT: Denton, R. Rex
; APPLICANT: Bieglecki, Karyn M
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Stephens, J. Claiborne
; TITLE OF INVENTION: HAPLOTYPES OF THE TNFRSF11B GENE
; FILE REFERENCE: TNFRSF11B MMH-0001US (CIP)
; CURRENT APPLICATION NUMBER: US/10/044,674
; CURRENT FILING DATE: 2002-01-09
; PRIOR APPLICATION NUMBER: PCT/US00/18803
; PRIOR FILING DATE: 2000-07-10
; NUMBER OF SEQ ID NOS: 94
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 46
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-044-674-46

Query Match 0.5%; Score 11; DB 1; Length 15;
Best Local Similarity 84.6%; Pred. No. 3.3e+02;
Matches 11; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 906 CATTTCCTTGGT 918
|:|:|:|:|:|:
Db 15 CTTTACTTGGT 3

RESULT 549

US-10-197-019-34
; Sequence 34, Application US/10197019
; Publication No. US20030207284A1
; GENERAL INFORMATION:
; APPLICANT: Chew, Anne
; APPLICANT: Denton, R. Rex
; APPLICANT: Gilson, Christopher Raleigh
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Parks, Katie E.
; TITLE OF INVENTION: HAPLOTYPES OF THE UCP2 GENE

```
; FILE REFERENCE: MWH-0042US
; CURRENT APPLICATION NUMBER: US/10/197,019
; CURRENT FILING DATE: 2002-07-16
; PRIOR APPLICATION NUMBER: PCT/US01/02485
; PRIOR FILING DATE: 2001-01-25
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 34
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-197-019-34

Query Match
Best Local Similarity 84.6%; Pred. No. 3.3e+02; Length 15;
Matches 11; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1253 CCATCCCCAACC 1265
DB 3 CCATCCCCAACC 15

RESULT 550
US-10-193-507-40/c
; Sequence 40, Application US/10193507
; Publication No. US20040018493A1
; GENERAL INFORMATION:
; APPLICANT: Anastasio, Alison E.
; APPLICANT: Kazemi, Amir
; APPLICANT: Lachowicz, Michael F.
; APPLICANT: Pabon, Vicente
; APPLICANT: Shah, Nisha
; TITLE OF INVENTION: HAPLOTYPES OF THE CD3E GENE
; FILE REFERENCE: MWH-2790US
; CURRENT APPLICATION NUMBER: US/10/193,507
; CURRENT FILING DATE: 2002-07-12
; PRIOR APPLICATION NUMBER: 60/304,573
; PRIOR FILING DATE: 2001-07-11
; NUMBER OF SEQ ID NOS: 86
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 40
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-193-507-40

Query Match
Best Local Similarity 84.6%; Pred. No. 3.3e+02; Length 15;
Matches 11; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 822 GGAGTCCACGAG 834
DB 15 GRAGTCATGAAG 3

RESULT 551
US-09-877-478-6031
; Sequence 6031, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MWH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
```

```
; FILE REFERENCE: MWH-0042US
; CURRENT APPLICATION NUMBER: US/10/197,019
; CURRENT FILING DATE: 2002-07-16
; PRIOR APPLICATION NUMBER: PCT/US01/02485
; PRIOR FILING DATE: 2001-01-25
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 34
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-197-019-34

Query Match
Best Local Similarity 84.6%; Pred. No. 3.3e+02; Length 15;
Matches 11; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1253 CCATCCCCAACC 1265
DB 3 CCATCCCCAACC 15

RESULT 550
US-10-193-507-40/c
; Sequence 40, Application US/10193507
; Publication No. US20040018493A1
; GENERAL INFORMATION:
; APPLICANT: Anastasio, Alison E.
; APPLICANT: Kazemi, Amir
; APPLICANT: Lachowicz, Michael F.
; APPLICANT: Pabon, Vicente
; APPLICANT: Shah, Nisha
; TITLE OF INVENTION: HAPLOTYPES OF THE CD3E GENE
; FILE REFERENCE: MWH-2790US
; CURRENT APPLICATION NUMBER: US/10/193,507
; CURRENT FILING DATE: 2002-07-12
; PRIOR APPLICATION NUMBER: 60/304,573
; PRIOR FILING DATE: 2001-07-11
; NUMBER OF SEQ ID NOS: 86
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 40
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-193-507-40

Query Match
Best Local Similarity 84.6%; Pred. No. 3.3e+02; Length 15;
Matches 11; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 822 GGAGTCCACGAG 834
DB 15 GRAGTCATGAAG 3

RESULT 551
US-09-877-478-6031
; Sequence 6031, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MWH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
```

```
; FILE REFERENCE: MWH-0042US
; CURRENT APPLICATION NUMBER: US/10/197,019
; CURRENT FILING DATE: 2002-07-16
; PRIOR APPLICATION NUMBER: PCT/US01/02485
; PRIOR FILING DATE: 2001-01-25
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 34
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-197-019-34

Query Match
Best Local Similarity 84.6%; Pred. No. 3.3e+02; Length 15;
Matches 11; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1253 CCATCCCCAACC 1265
DB 3 CCATCCCCAACC 15

RESULT 550
US-10-193-507-40/c
; Sequence 40, Application US/10193507
; Publication No. US20040018493A1
; GENERAL INFORMATION:
; APPLICANT: Anastasio, Alison E.
; APPLICANT: Kazemi, Amir
; APPLICANT: Lachowicz, Michael F.
; APPLICANT: Pabon, Vicente
; APPLICANT: Shah, Nisha
; TITLE OF INVENTION: HAPLOTYPES OF THE CD3E GENE
; FILE REFERENCE: MWH-2790US
; CURRENT APPLICATION NUMBER: US/10/193,507
; CURRENT FILING DATE: 2002-07-12
; PRIOR APPLICATION NUMBER: 60/304,573
; PRIOR FILING DATE: 2001-07-11
; NUMBER OF SEQ ID NOS: 86
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 40
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-193-507-40

Query Match
Best Local Similarity 84.6%; Pred. No. 3.3e+02; Length 15;
Matches 11; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 822 GGAGTCCACGAG 834
DB 15 GRAGTCATGAAG 3

RESULT 551
US-09-877-478-6031
; Sequence 6031, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MWH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
```

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; FILE REFERENCE: MWH-0042US
; CURRENT APPLICATION NUMBER: US/10/197,019
; CURRENT FILING DATE: 2002-07-16
; PRIOR APPLICATION NUMBER: PCT/US01/02485
; PRIOR FILING DATE: 2001-01-25
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 34
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-197-019-34

Query Match
Best Local Similarity 84.6%; Pred. No. 3.3e+02; Length 15;
Matches 11; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 1253 CCATCCCCAACC 1265
DB 3 CCATCCCCAACC 15

RESULT 550
US-10-193-507-40/c
; Sequence 40, Application US/10193507
; Publication No. US20040018493A1
; GENERAL INFORMATION:
; APPLICANT: Anastasio, Alison E.
; APPLICANT: Kazemi, Amir
; APPLICANT: Lachowicz, Michael F.
; APPLICANT: Pabon, Vicente
; APPLICANT: Shah, Nisha
; TITLE OF INVENTION: HAPLOTYPES OF THE CD3E GENE
; FILE REFERENCE: MWH-2790US
; CURRENT APPLICATION NUMBER: US/10/193,507
; CURRENT FILING DATE: 2002-07-12
; PRIOR APPLICATION NUMBER: 60/304,573
; PRIOR FILING DATE: 2001-07-11
; NUMBER OF SEQ ID NOS: 86
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 40
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-193-507-40

Query Match
Best Local Similarity 84.6%; Pred. No. 3.3e+02; Length 15;
Matches 11; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 822 GGAGTCCACGAG 834
DB 15 GRAGTCATGAAG 3

RESULT 551
US-09-877-478-6031
; Sequence 6031, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MWH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
```


APPLICANT: Ribozyme Pharmaceutical, Inc.
APPLICANT: Morrissey, David
APPLICANT: McSwiggen, James
APPLICANT: Beigelman, Leonid

TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
FILE REFERENCE: 400/060 (MHB02-1000)

CURRENT APPLICATION NUMBER: US/10/244,647
CURRENT FILING DATE: 2003-04-14

PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20

PRIOR APPLICATION NUMBER: US 60/393,924
PRIOR FILING DATE: 2002-07-03

PRIOR APPLICATION NUMBER: PCT US02/09187
PRIOR FILING DATE: 2002-03-26

PRIOR APPLICATION NUMBER: US 60/296,876
PRIOR FILING DATE: 2001-06-08

NUMBER OF SEQ ID NOS: 1524
SOFTWARE: PatentIn version 3.0

SEQ ID NO 572
LENGTH: 19
TYPE: RNA

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense

US-10-244-647-572

Query Match 0.5%; Score 11; DB 1; Length 19;
Best Local Similarity 73.7%; Pred. No. 5.6e+02;
Matches 14; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 563 CCAAAATGCCGAAAGGAAT 581
19 CCCAAGACAAAAGAAAT 1

RESULT 554

US-10-244-647-1218

Sequence 1218, Application US/10244647
Publication No. US20030206887A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceutical, Inc.
APPLICANT: Morrissey, David

APPLICANT: McSwiggen, James
APPLICANT: Beigelman, Leonid

TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
FILE REFERENCE: 400/060 (MHB02-1000)

CURRENT APPLICATION NUMBER: US/10/244,647
CURRENT FILING DATE: 2003-04-14

PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20

PRIOR APPLICATION NUMBER: US 60/393,924
PRIOR FILING DATE: 2002-07-03

PRIOR APPLICATION NUMBER: PCT US02/09187
PRIOR FILING DATE: 2002-03-26

PRIOR APPLICATION NUMBER: US 60/296,876
PRIOR FILING DATE: 2001-06-08

NUMBER OF SEQ ID NOS: 1524
SOFTWARE: PatentIn version 3.0

SEQ ID NO 1218
LENGTH: 19
TYPE: RNA

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region

US-10-244-647-1218

Query Match 0.5%; Score 11; DB 1; Length 19;
Best Local Similarity 68.4%; Pred. No. 5.6e+02;
Matches 13; Conservative 1; Mismatches 5; Indels 0; Gaps 0;

QY 563 CCAAAATGCCGAAAGGAAT 581

Db 1 CCCAAGACAAAAGAAAU 19

RESULT 555

US-10-244-647-644/c

Sequence 644, Application US/10244647
Publication No. US20030206887A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceutical, Inc.
APPLICANT: Morrissey, David

APPLICANT: McSwiggen, James
APPLICANT: Beigelman, Leonid

TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
FILE REFERENCE: 400/060 (MHB02-1000)

CURRENT APPLICATION NUMBER: US/10/244,647
CURRENT FILING DATE: 2003-04-14

PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20

PRIOR APPLICATION NUMBER: US 60/393,924
PRIOR FILING DATE: 2002-07-03

PRIOR APPLICATION NUMBER: PCT US02/09187
PRIOR FILING DATE: 2002-03-26

PRIOR APPLICATION NUMBER: US 60/296,876
PRIOR FILING DATE: 2001-06-08

NUMBER OF SEQ ID NOS: 1524
SOFTWARE: PatentIn version 3.0

SEQ ID NO 644
LENGTH: 19
TYPE: RNA

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense

US-10-244-647-644

Query Match 0.5%; Score 11; DB 1; Length 19;
Best Local Similarity 73.7%; Pred. No. 5.6e+02;
Matches 14; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 566 AATGCCGAAAGGAATGG 584
19 AAAGACAAAAGAAATGG 1

RESULT 556

US-10-244-647-1290

Sequence 1290, Application US/10244647
Publication No. US20030206887A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceutical, Inc.
APPLICANT: Morrissey, David

APPLICANT: McSwiggen, James
APPLICANT: Beigelman, Leonid

TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
FILE REFERENCE: 400/060 (MHB02-1000)

CURRENT APPLICATION NUMBER: US/10/244,647
CURRENT FILING DATE: 2003-04-14

PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20

PRIOR APPLICATION NUMBER: US 60/393,924
PRIOR FILING DATE: 2002-07-03

PRIOR APPLICATION NUMBER: PCT US02/09187
PRIOR FILING DATE: 2002-03-26

PRIOR APPLICATION NUMBER: US 60/296,876
PRIOR FILING DATE: 2001-06-08

NUMBER OF SEQ ID NOS: 1524
SOFTWARE: PatentIn version 3.0

SEQ ID NO 1290
LENGTH: 19
TYPE: RNA

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense

US-10-244-647-1290

; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-244-647-1290

Query Match 0.5%; Score 11; DB 1; Length 19;
Best Local Similarity 68.4%; Pred. No. 5.6e+02;
Matches 13; Conservative 1; Mismatches 5; Indels 0; Gaps 0;

QY 566 AATGCCGAAGGAATGGG 584
|||:|||||:
Db 1 AAAGACAAAGAAAUUGG 19

RESULT 557

US-10-251-117-578
; Sequence 578, Application US/10251117
; Publication No. US20030170891A1
; GENERAL INFORMATION:
; APPLICANT: McSwiggen, James
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
; FILE REFERENCE: 900/042 (MBHB02-468-A)
; CURRENT APPLICATION NUMBER: US/10/251,117
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 578
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense r
US-10-251-117-578

Query Match 0.5%; Score 11; DB 1; Length 19;
Best Local Similarity 63.2%; Pred. No. 5.6e+02;
Matches 12; Conservative 2; Mismatches 5; Indels 0; Gaps 0;

QY 205 CCACACTGCCCTGAGCCCA 223
|||:|||||:
Db 1 CCUCAUUGCCCUCAACACA 19

RESULT 558

US-10-251-117-885/c
; Sequence 885, Application US/10251117
; Publication No. US20030170891A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor R
; FILE REFERENCE: 900/042 (MBHB02-468-A)
; CURRENT APPLICATION NUMBER: US/10/251,117
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466

; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 885
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-251-117-885

Query Match 0.5%; Score 11; DB 1; Length 19;
Best Local Similarity 73.7%; Pred. No. 5.6e+02;
Matches 14; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 205 CCACACTGCCCTGAGCCCA 223
|||:|||||:
Db 19 CCTCATTCCTCAACACA 1

RESULT 559

US-10-148-687-55/c
; Sequence 55, Application US/10148687
; Publication No. US20030185836A1
; GENERAL INFORMATION:
; APPLICANT: WINTER, Gerhard
; APPLICANT: SLADE, Martin Basil
; APPLICANT: WILLIAMS, Keith Leslie
; APPLICANT: GOOLEY, Andrew Arthur
; APPLICANT: Macquarie Research Ltd
; TITLE OF INVENTION: Cryptosporidium sporozoite antigens
; FILE REFERENCE: 047763-5019-US
; CURRENT APPLICATION NUMBER: US/10/148,687
; CURRENT FILING DATE: 2002-05-31
; PRIOR APPLICATION NUMBER: PCT/AU00/01492
; PRIOR FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: AU PQ4400
; PRIOR FILING DATE: 1999-12-01
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 55
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: Oligonucleotide primers
US-10-148-687-55

Query Match 0.5%; Score 11; DB 1; Length 19;
Best Local Similarity 73.7%; Pred. No. 5.6e+02;
Matches 14; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 295 GTGCTCTGGAGCTGTGG 313
|||:|||||:
Db 19 GTGCTACTGAAGCTTCTGG 1

RESULT 560

US-10-244-647-637/c
; Sequence 637, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV
; FILE REFERENCE: 400/060 (MBHB02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647

```

; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 637
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense r
US-10-244-647-637

Query Match      0.5%; Score 11; DB 1; Length 19;
Best Local Similarity 73.7%; Pred. No. 5.6e+02;
Matches 14; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 567 ATGCCGAAAGGAATGGT 585
Db 19 AAGACAAAGAAATGGT 1

RESULT 561
US-10-244-647-1283
; Sequence 1283, Application US/10244647
; Publication No. US20030206887A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/060 (MBHB02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1283
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-244-647-1283

Query Match      0.5%; Score 11; DB 1; Length 19;
Best Local Similarity 63.2%; Pred. No. 5.6e+02;
Matches 12; Conservative 2; Mismatches 5; Indels 0; Gaps 0;

QY 567 ATGCCGAAAGGAATGGT 585
Db 1 AAGACAAAGAAAUUGGU 19

RESULT 562
US-10-349-143-7262
; Sequence 7262, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7262
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-3335 for SEQ 3328,
US-10-349-143-7262

Query Match      0.5%; Score 11; DB 1; Length 19;
Best Local Similarity 73.7%; Pred. No. 5.6e+02;
Matches 14; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 107 TGAATCTCTATGCCCGATC 125
Db 1 TGTTCTCAGTGCCTTGTG 19

RESULT 563
US-10-321-039-633/c
; Sequence 633, Application US/10321039
; Publication No. US20040014067A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Lukowiak, Andrew
; APPLICANT: Jarvis, Nancy
; APPLICANT: Kurensky, David
; TITLE OF INVENTION: Amplification Methods and Compositions
; FILE REFERENCE: FORS-06960
; CURRENT APPLICATION NUMBER: US/10/321,039
; CURRENT FILING DATE: 2002-12-17
; PRIOR APPLICATION NUMBER: 09/998,157
; PRIOR FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: 60/329,113
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 60/360,489
; PRIOR FILING DATE: 2001-10-19
; NUMBER OF SEQ ID NOS: 759
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 633
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-321-039-633

Query Match      0.5%; Score 11; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 6.9e+02;
Matches 11; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 790 TGTGTCTCTGTG 800
Db 18 TGTGTCTCTGTG 8

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Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 831 GAAGTTGTGCCTAC 844
      ||||| ||||| |||
Db 1 GAAGGTGTGCTTAC 14

RESULT 568
US-09-865-579A-19
; Sequence 19, Application US/09865579A
; Patent No. US20020098492A1
; GENERAL INFORMATION:
; APPLICANT: Taya, Toshiki
; APPLICANT: Ishiguro, Takahiko
; APPLICANT: Saito, Juichi
; TITLE OF INVENTION: Oligonucleotides and Method for Detection of mecA Gene of
; FILE REFERENCE: 9558-003-27
; CURRENT APPLICATION NUMBER: US/09/865,579A
; CURRENT FILING DATE: 2001-05-29
; PRIOR APPLICATION NUMBER: JP 2000-163149
; PRIOR FILING DATE: 2000-05-29
; PRIOR APPLICATION NUMBER: JP 2000-179394
; PRIOR FILING DATE: 2000-06-09
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 19
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-865-579A-19

Query Match 0.5%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 831 GAAGTTGTGCCTAC 844
      ||||| ||||| |||
Db 1 GAAGGTGTGCTTAC 14

RESULT 569
US-09-943-983-89/c
; Sequence 89, Application US/09943983
; Publication No. US20030077575A1
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; APPLICANT: LOUWAGIE, JOOST
; APPLICANT: ROSSAU, RUDI
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED
; NUMBER OF SEQUENCES: 164
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ARNOLD, WHITE & DURKEE
; STREET: P.O. BOX 4433
; CITY: HOUSTON
; STATE: TEXAS
; COUNTRY: USA
; ZIP: 77210-4433
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Microsoft Word 6.0 / ASCII text output
; CURRENT APPLICATION DATA:
; FILING DATE: 31-Aug-2001
; PRIOR APPLICATION NUMBER: US/09/943,983
; INFORMATION FOR SEQ ID NO: 129:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
```

```
; FILING DATE: 26 Jan 1996
; APPLICATION NUMBER: EP 96870081.5
; FILING DATE: 25 Jun 1996
; ATTORNEY/AGENT INFORMATION:
; NAME: KAMMERER, PATRICIA A.
; REGISTRATION NUMBER: 29,775
; REFERENCE/DOCKET NUMBER: INNS:008
; INFORMATION FOR SEQ ID NO: 89:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 89:
US-09-943-983-89

Query Match 0.5%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 793 GTCTCTGTAGTAA 806
      ||||| ||||| |||
Db 14 GTCTGTGTAGTAA 1

RESULT 570
US-09-943-983-129
; Sequence 129, Application US/09943983
; Publication No. US20030077575A1
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; APPLICANT: LOUWAGIE, JOOST
; APPLICANT: ROSSAU, RUDI
; TITLE OF INVENTION: METHOD FOR DETECTION OF DRUG-INDUCED
; NUMBER OF SEQUENCES: 164
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ARNOLD, WHITE & DURKEE
; STREET: P.O. BOX 4433
; CITY: HOUSTON
; STATE: TEXAS
; COUNTRY: USA
; ZIP: 77210-4433
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Microsoft Word 6.0 / ASCII text output
; CURRENT APPLICATION DATA:
; FILING DATE: 31-Aug-2001
; PRIOR APPLICATION NUMBER: US/09/943,983
; INFORMATION FOR SEQ ID NO: 129:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
```

ANTI-SENSE: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 129:
US-09-943-983-129

Query Match 0.5%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1212 GGGGGCTGACCCCA 1225
Db 1 GGGGGCTTACCACA 14

RESULT 571

US-10-461-790-133/c

; Sequence 133, Application US/10461790

; Publication No. US20040029111A1

; GENERAL INFORMATION:

; APPLICANT: Linnen, Jeffery M.

; APPLICANT: Kolk, Daniel P.

; APPLICANT: Dockter, Janet M.

; APPLICANT: Getman, Damon K.

; APPLICANT: Yoshimura, Tadashi

; APPLICANT: Ho-Sing-Ioy, Marcy

; APPLICANT: Stringfellow, Leslie A.

; TITLE OF INVENTION: Compositions and Methods for Detecting

; FILE REFERENCE: Hepatitis B Virus

; CURRENT FILING DATE: 2002-04-03

; PRIOR APPLICATION NUMBER: US/10/461,790

; CURRENT FILING DATE: 2003-06-13

; PRIOR FILING DATE: 2002-06-14

; NUMBER OF SEQ ID NOS: 142

; SOFTWARE: FastSeq for Windows Version 3.0

; SEQ ID NO 133

; LENGTH: 14

; TYPE: RNA

; ORGANISM: Hepatitis B Virus

; FEATURE:

; NAME/KEY: misc feature

; LOCATION: (1)...(14)

; OTHER INFORMATION: 2'-OME nucleotide analogs

US-10-461-790-133

Query Match 0.5%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 929 TATCCCTCCTTC 942
Db 14 TATGCCCTCATCTTC 1

RESULT 572

US-10-043-875-462

; Sequence 462, Application US/10043875

; Publication No. US20030054339A1

; GENERAL INFORMATION:

; APPLICANT: De Smet, Koenraad

; APPLICANT: Stuyver, Lieven

; TITLE OF INVENTION: Method for Detection of Drug-Induced Mutations in the HIV Reverse

; FILE REFERENCE: 11362-0033-NPUS01 (INNS:033)

; CURRENT FILING DATE: 2002-04-03

; PRIOR APPLICATION NUMBER: US/10/043,875

; CURRENT FILING DATE: 2002-04-03

; PRIOR FILING DATE: 2001-04-24

; PRIOR APPLICATION NUMBER: EP 01870085.6

; PRIOR FILING DATE: 2001-04-20

; PRIOR APPLICATION NUMBER: EP 01870005.4

; NUMBER OF SEQ ID NOS: 884

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 462
; LENGTH: 14
; TYPE: DNA

; ORGANISM: Human immunodeficiency virus
US-10-043-875-462

Query Match 0.5%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1212 GGGGGCTGACCCCA 1225
Db 1 GGGGGCTTACCACA 14

RESULT 573

US-10-043-875-882/c

; Sequence 882, Application US/10043875

; Publication No. US20030054339A1

; GENERAL INFORMATION:

; APPLICANT: De Smet, Koenraad

; APPLICANT: Stuyver, Lieven

; TITLE OF INVENTION: Method for Detection of Drug-Induced Mutations in the HIV Reve

; FILE REFERENCE: Transcriptase Gene

; CURRENT APPLICATION NUMBER: US/10/043,875

; CURRENT FILING DATE: 2002-04-03

; PRIOR APPLICATION NUMBER: 60/286,102

; PRIOR FILING DATE: 2001-04-24

; PRIOR APPLICATION NUMBER: EP 01870085.6

; PRIOR FILING DATE: 2001-04-20

; PRIOR APPLICATION NUMBER: EP 01870005.4

; PRIOR FILING DATE: 2001-01-11

; NUMBER OF SEQ ID NOS: 884

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 882

; LENGTH: 14

; TYPE: DNA

; ORGANISM: Human immunodeficiency virus

US-10-043-875-882

Query Match 0.5%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 793 GTCTCTGTGTAGTAA 806
Db 14 GTCTGTGTGTAGTAA 1

RESULT 574

US-10-150-045-17

; Sequence 17, Application US/10150045

; Publication No. US20030175727A1

; GENERAL INFORMATION:

; APPLICANT: Hyldig-Nielsen, Jens J.

; APPLICANT: Stender, Henrik

; APPLICANT: Oliveira, Kenneth M.

; APPLICANT: Rigby, Susan

; TITLE OF INVENTION: PNA Probes, Probe Sets, Methods And Kits Pertaining To

; FILE REFERENCE: The Detection of Candida

; CURRENT APPLICATION NUMBER: US/10/150,045

; CURRENT FILING DATE: 2002-05-17

; PRIOR APPLICATION NUMBER: 60/292,147

; PRIOR FILING DATE: 2001-05-18

; NUMBER OF SEQ ID NOS: 23

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 17

; LENGTH: 14

; TYPE: DNA

; ORGANISM: Candida

; FEATURE:

OTHER INFORMATION: Description of Combined DNA/RNA Molecule: Probing
OTHER INFORMATION: Nucleobase Sequence of RNA Probe
US-10-150-045-17

Query Match 0.5%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1288 GCCCAAGCCACA 1301

Db 1 GCCCCCAAGCCACA 14

RESULT 575

US-10-277-494-74

Sequence 74, Application US/10277494

Publication No. US20030186909A1

GENERAL INFORMATION:

APPLICANT: Ribozyme Pharmaceuticals, Inc.

APPLICANT: McSwiggen, Jim

TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related To Level

TITLE OF INVENTION: Epidermal Growth Factor Receptors

FILE REFERENCE: MEHB00-958-K (400/064)

CURRENT APPLICATION NUMBER: US/10/277,494

CURRENT FILING DATE: 2002-10-21

NUMBER OF SEQ ID NOS: 446

SOFTWARE: PatentIn version 3.0

SEQ ID NO 74

LENGTH: 14

TYPE: RNA

ORGANISM: Homo sapiens

US-10-277-494-74

Query Match 0.5%; Score 10.8; DB 1; Length 14;
Best Local Similarity 64.3%; Pred. No. 3.1e+02;
Matches 9; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 882 CACCACAGTCTGT 895

Db 1 CACCAGAGUGAUGU 14

RESULT 576

US-10-457-839-70

Sequence 70, Application US/10457839

Publication No. US20040014115A1

GENERAL INFORMATION:

APPLICANT: Myriad Genetics, Incorporated

APPLICANT: Scholl, Thomas

APPLICANT: Hendrickson, Brant C

APPLICANT: Ward, Benjamin

APPLICANT: Pruss, Dmitry

TITLE OF INVENTION: Large Deletions in Human BRCA-1 Gene and Use Thereof

FILE REFERENCE: 3002.03

CURRENT APPLICATION NUMBER: US/10/457,839

CURRENT FILING DATE: 2003-06-09

PRIOR APPLICATION NUMBER: 60/387,132

PRIOR FILING DATE: 2002-06-07

PRIOR APPLICATION NUMBER: 60/402,430

PRIOR FILING DATE: 2002-08-09

NUMBER OF SEQ ID NOS: 93

SOFTWARE: PatentIn version 3.2

SEQ ID NO 70

LENGTH: 14

TYPE: DNA

ORGANISM: Homo sapiens

US-10-457-839-70

Query Match 0.5%; Score 10.8; DB 1; Length 14;
Best Local Similarity 85.7%; Pred. No. 3.1e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1009 ACACCTGAAAGACA 1022

Db 1 ACATCAGAAAACACA 14

RESULT 577

US-09-790-417-251

Sequence 251, Application US/09790417

Patent No. US20010031470A1

GENERAL INFORMATION:

APPLICANT: Shultz, John W

APPLICANT: Lewis, Martin K.

APPLICANT: Lieppe, Donna

APPLICANT: Mandrekar, Michelle

APPLICANT: Kephart, Daniel

APPLICANT: Rhodes, Richard B.

APPLICANT: Andrews, Christine A.

APPLICANT: Hartnett, James R.

APPLICANT: Gu, Trent

APPLICANT: Olson, Ryan J.

APPLICANT: Wood, Keith W.

APPLICANT: Welch, Roy

TITLE OF INVENTION: Nucleic Acid Detection

FILE REFERENCE: Pro-103 6868/75528

CURRENT APPLICATION NUMBER: US/09/790,417

CURRENT FILING DATE: 2001-02-22

PRIOR APPLICATION NUMBER: 09/358,972

PRIOR FILING DATE: 1999-07-21

PRIOR APPLICATION NUMBER: 09/042,287

PRIOR FILING DATE: 1998-03-13

NUMBER OF SEQ ID NOS: 290

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 251

LENGTH: 15

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: probe to AluI

OTHER INFORMATION: human gene

US-09-790-417-251

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1249 GACCCCATCCCA 1262

Db 2 GACCCCATCTCTAA 15

RESULT 578

US-09-504-231A-300

Sequence 300, Application US/09504231A

Patent No. US20020013458A1

GENERAL INFORMATION:

APPLICANT: Blatt, Lawrence

APPLICANT: McSwiggen, James

APPLICANT: Roberts, Beth

APPLICANT: Pavco, Pamela

APPLICANT: Macejak, Dennis

TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELI

FILE REFERENCE: IPI 247/282

FILE REFERENCE: HEPATITIS C VIRUS INFECTION

CURRENT APPLICATION NUMBER: US/09/504,231A

CURRENT FILING DATE: 2000-02-15

PRIOR APPLICATION NUMBER: 09/274,553

PRIOR FILING DATE: 1999-03-23

PRIOR APPLICATION NUMBER: 09/257,608

PRIOR FILING DATE: 1999-02-24

PRIOR APPLICATION NUMBER: 60/100,842

PRIOR FILING DATE: 1998-09-18

PRIOR APPLICATION NUMBER: 60/083,217

PRIOR FILING DATE: 1998-04-27

NUMBER OF SEQ ID NOS: 3242

; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 300
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-300

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 78.6%; Pred. No. 3.7e+02;
Matches 11; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 872 AGGACTCAGGCACC 885
|||||:|||||
Db 2 AGGGGTCAGGCUCC 15

RESULT 579

US-09-504-231A-385/c
; Sequence 385, Application US/09504231A
; Patent No. US20020013458A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; FILE REFERENCE: rpi 247/282
; CURRENT APPLICATION NUMBER: US/09/504,231A
; CURRENT FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 09/274,553
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1998-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3242
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 385
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-385

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1211 AGGGGCTGACCCC 1224
|||||:|||||
Db 14 AGGGGGGAGACCCC 1

RESULT 580

US-09-504-231A-653/c
; Sequence 653, Application US/09504231A
; Patent No. US20020013458A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; FILE REFERENCE: rpi 247/282

; CURRENT APPLICATION NUMBER: US/09/504,231A
; CURRENT FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 09/274,553
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3242
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 653
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-653

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 735 GAACACAGAACACCG 748
|||||:|||||
Db 15 GAACACAGTACACTG 2

RESULT 581

US-09-504-231A-776/c
; Sequence 776, Application US/09504231A
; Patent No. US20020013458A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS REL
; FILE REFERENCE: rpi 247/282
; CURRENT APPLICATION NUMBER: US/09/504,231A
; CURRENT FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 09/274,553
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3242
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 776
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-776

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1042 ACTACTAAGCCCT 1055
|||||:|||||
Db 14 ACGAATAAGCCCT 1

RESULT 582

US-09-504-231A-856/c

; Sequence 856, Application US/09504231A
; Patent No. US20020013458A1

GENERAL INFORMATION:

; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis

; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION

; FILE REFERENCE: FPI 247/282

; CURRENT APPLICATION NUMBER: US/09/504,231A

; CURRENT FILING DATE: 2000-02-15

; PRIOR APPLICATION NUMBER: 09/274,553

; PRIOR FILING DATE: 1999-03-23

; PRIOR APPLICATION NUMBER: 09/257,608

; PRIOR FILING DATE: 1999-02-24

; PRIOR APPLICATION NUMBER: 60/100,842

; PRIOR FILING DATE: 1998-09-18

; PRIOR APPLICATION NUMBER: 60/083,217

; PRIOR FILING DATE: 1998-04-27

; NUMBER OF SEQ ID NOS: 3242

; SOFTWARE: Patentin version 3.0

; SEQ ID NO 856

; LENGTH: 15

; TYPE: RNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target

US-09-504-231A-856

Query Match 0.5%; Score 10.8; DB 1; Length 15;

Best Local Similarity 85.7%; Pred. No. 3.7e+02;

Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1056 GGCCCAAAACCCAA 1069

14 GGCCCAAAACCCAA 1

Db

RESULT 583

US-09-504-231A-949

; Sequence 949, Application US/09504231A

; Patent No. US20020013458A1

GENERAL INFORMATION:

; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis

; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION

; FILE REFERENCE: FPI 247/282

; CURRENT APPLICATION NUMBER: US/09/504,231A

; CURRENT FILING DATE: 2000-02-15

; PRIOR APPLICATION NUMBER: 09/274,553

; PRIOR FILING DATE: 1999-03-23

; PRIOR APPLICATION NUMBER: 09/257,608

; PRIOR FILING DATE: 1999-02-24

; PRIOR APPLICATION NUMBER: 60/100,842

; PRIOR FILING DATE: 1998-09-18

; PRIOR APPLICATION NUMBER: 60/083,217

; PRIOR FILING DATE: 1998-04-27

; NUMBER OF SEQ ID NOS: 3242

; SOFTWARE: Patentin version 3.0

; SEQ ID NO 949

; LENGTH: 15

; TYPE: RNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target

US-09-504-231A-949

Query Match 0.5%; Score 10.8; DB 1; Length 15;

Best Local Similarity 78.8%; Pred. No. 3.7e+02;

Matches 11; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1085 CAGGCTTACCCCC 1098

2 CAGGCUCCACCUC 15

Db

RESULT 584

US-09-504-231A-949/c

; Sequence 949, Application US/09504231A

; Patent No. US20020013458A1

GENERAL INFORMATION:

; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis

; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS REL
; TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION

; FILE REFERENCE: FPI 247/282

; CURRENT APPLICATION NUMBER: US/09/504,231A

; CURRENT FILING DATE: 2000-02-15

; PRIOR APPLICATION NUMBER: 09/274,553

; PRIOR FILING DATE: 1999-03-23

; PRIOR APPLICATION NUMBER: 09/257,608

; PRIOR FILING DATE: 1999-02-24

; PRIOR APPLICATION NUMBER: 60/100,842

; PRIOR FILING DATE: 1998-09-18

; PRIOR APPLICATION NUMBER: 60/083,217

; PRIOR FILING DATE: 1998-04-27

; NUMBER OF SEQ ID NOS: 3242

; SOFTWARE: Patentin version 3.0

; SEQ ID NO 949

; LENGTH: 15

; TYPE: RNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target

US-09-504-231A-949

Query Match 0.5%; Score 10.8; DB 1; Length 15;

Best Local Similarity 85.7%; Pred. No. 3.7e+02;

Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1021 GAGGGGAGCTTGA 1034

14 GAGGTGGAGCTTGA 1

Db

RESULT 585

US-09-860-996-8

; Sequence 8, Application US/09860996

; Patent No. US20020034393A1

GENERAL INFORMATION:

; APPLICANT: Mitrophanous, et al
; TITLE OF INVENTION: VECTOR
; FILE REFERENCE: 674523-2010
; CURRENT APPLICATION NUMBER: US/09/860,996

; CURRENT FILING DATE: 2001-05-18

; PRIOR APPLICATION NUMBER: PCT/GB99/03866

; PRIOR FILING DATE: 1999-11-19

; PRIOR APPLICATION NUMBER: 9825524.3

; PRIOR FILING DATE: 1998-11-20

; NUMBER OF SEQ ID NOS: 31

; SOFTWARE: Patentin version 3.0

; SEQ ID NO 8

; LENGTH: 15

; TYPE: DNA

; ORGANISM: Murine leukemia virus

US-09-860-996-8

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Query Match          0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1015 GAAAAAGAGGGGA 1028
DB 2 GAAAAAGGGGGA 15

RESULT 586
US-09-950-459-5
; Sequence 5, Application US/09950459
; Patent No. US20020064772A1
; GENERAL INFORMATION:
; APPLICANT: Gildea, Brian D.
; APPLICANT: Coull, James M.
; APPLICANT: Hyldig-Nielsen, Jens J.
; APPLICANT: Flandaca, Mark J.
; TITLE OF INVENTION: Methods, Kits and Compositions Pertaining To Linear
; FILE REFERENCE: BP9703US-DV1
; CURRENT APPLICATION NUMBER: US/09/950,459
; CURRENT FILING DATE: 2001-09-10
; PRIOR APPLICATION NUMBER: 60/063,283
; PRIOR FILING DATE: 1997-10-27
; PRIOR APPLICATION NUMBER: 09/179,162
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)
; OTHER INFORMATION: 5' Fluorescein
; OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
; OTHER INFORMATION: PROBE OR TARGET
US-09-950-459-5

Query Match          0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 302 TGGAGCTGTGGTG 315
DB 15 TGGAGCTGTGGCG 2

RESULT 588
US-09-441-522-26
; Sequence 26, Application US/09441522
; Patent No. US20020076696A1
; GENERAL INFORMATION:
; APPLICANT: Kawaguchi, Haruma
; APPLICANT: Fujimoto, Keiji
; APPLICANT: Iwato, Satoko
; APPLICANT: Handa, Hiroshi
; APPLICANT: Kubota, Aiko
; APPLICANT: Fukui, Masanori
; TITLE OF INVENTION: METHOD FOR DETERMINATION OF SPECIFIC
; NUCLEIC ACID SEQUENCE AND A REAGENT THEREFOR
; NUMBER OF SEQUENCES: 33
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: FITZPATRICK, CELLA, HARPER & SCINTO
; STREET: 30 Rockefeller Plaza
; CITY: New York
; STATE: New York
; COUNTRY: U.S.A.
; ZIP: 10112-3801
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette-3.5 inch, 1440 Kb storage
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/441,522
; FILING DATE: 07-Feb-2002
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/964,646
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Perry, Lawrence S.
; REGISTRATION NUMBER: 31865
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 212-218-2100
; TELEFAX: 212-218-2200
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Other nucleic acid, synthetic DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 26:
US-09-441-522-26

Query Match          0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1134 CACCTCCAGTCCA 1147
DB 2 CGCACCAAGCTCCA 15

RESULT 587
US-09-950-459-5/c
; Sequence 5, Application US/09950459
; Patent No. US20020064772A1
; GENERAL INFORMATION:
; APPLICANT: Gildea, Brian D.
; APPLICANT: Coull, James M.
; APPLICANT: Hyldig-Nielsen, Jens J.
; APPLICANT: Flandaca, Mark J.
; TITLE OF INVENTION: Methods, Kits and Compositions Pertaining To Linear
; FILE REFERENCE: BP9703US-DV1
; CURRENT APPLICATION NUMBER: US/09/950,459
; CURRENT FILING DATE: 2001-09-10
; PRIOR APPLICATION NUMBER: 60/063,283
; PRIOR FILING DATE: 1997-10-27
; PRIOR APPLICATION NUMBER: 09/179,162
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
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Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 302 TGGAGCTGTGGTG 315
|||||
Db 1 TGGAGCTGTGGCG 14

RESULT 589

US-09-441-522-26/c
; Sequence 26, Application US/09441522
; Patent No. US20020076696A1
; GENERAL INFORMATION:

APPLICANT: Kawaguchi, Haruma

Fujimoto, Keiji

Iwato, Satoko

Handa, Hiroshi

Kubota, Aiko

Fukui, Masanori

TITLE OF INVENTION: METHOD FOR DETERMINATION OF SPECIFIC

NUCLEIC ACID SEQUENCE AND A REAGENT THEREFOR

NUMBER OF SEQUENCES: 33

CORRESPONDENCE ADDRESS:

ADDRESSEE: FITZPATRICK, CELLA, HARPER & SCINTO

STREET: 30 Rockefeller Plaza

CITY: New York

STATE: New York

COUNTRY: U.S.A.

ZIP: 10112-3801

COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette-3.5 inch, 1440 Kb storage

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/441,522

FILING DATE: 07-Feb-2002

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/964,646

FILING DATE: <Unknown>

ATTORNEY/AGENT INFORMATION:

NAME: Perry, Lawrence S.

REGISTRATION NUMBER: 31865

TELECOMMUNICATION INFORMATION:

TELEPHONE: 212-218-2100

TELEFAX: 212-218-2200

INFORMATION FOR SEQ ID NO: 26:

SEQUENCE CHARACTERISTICS:

LENGTH: 15 bases

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: Other nucleic acid, synthetic DNA

SEQUENCE DESCRIPTION: SEQ ID NO: 26:

US-09-441-522-26

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1134 CACCTCCAGTCCA 1147
|||||
Db 14 CGCCACCAGTCCA 1

RESULT 590

US-09-274-553D-300
; Sequence 300, Application US/09274553D
; Patent No. US20020082225A1
; GENERAL INFORMATION:

APPLICANT: Blatt, Lawrence

APPLICANT: McSwiggen, James

APPLICANT: Roberts, Beth

APPLICANT: Pavco, Pamela
APPLICANT: Macejak, Dennis
TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS REL
TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION
FILE REFERENCE: IPI 247/282
CURRENT APPLICATION NUMBER: US/09/274,553D
PRIOR FILING DATE: 1999-03-23
PRIOR APPLICATION NUMBER: 09/257,608
PRIOR FILING DATE: 1999-02-24
PRIOR APPLICATION NUMBER: 60/100,842
PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/083,217
PRIOR FILING DATE: 1998-04-27
NUMBER OF SEQ ID NOS: 3148
SOFTWARE: PatentIn version 3.0
SEQ ID NO 300
LENGTH: 15
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target

US-09-274-553D-300

Query Match 0.5%; Score 10.8; DB 1; Length 15;

Best Local Similarity 78.6%; Pred. No. 3.7e+02;

Matches 11; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 872 AGGACTCAGGCACC 885
|||||

Db 2 AGGGCUCAGGCUC 15
|||||

RESULT 591

US-09-274-553D-385/c
; Sequence 385, Application US/09274553D
; Patent No. US20020082225A1
; GENERAL INFORMATION:

APPLICANT: Blatt, Lawrence

APPLICANT: McSwiggen, James

APPLICANT: Roberts, Beth

APPLICANT: Pavco, Pamela

APPLICANT: Macejak, Dennis

TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS REL

TITLE OF INVENTION: HEPATITIS C VIRUS INFECTION

FILE REFERENCE: IPI 247/282

CURRENT APPLICATION NUMBER: US/09/274,553D

CURRENT FILING DATE: 1999-03-23

PRIOR APPLICATION NUMBER: 09/257,608

PRIOR FILING DATE: 1999-02-24

PRIOR APPLICATION NUMBER: 60/100,842

PRIOR FILING DATE: 1998-09-18

PRIOR APPLICATION NUMBER: 60/083,217

PRIOR FILING DATE: 1998-04-27

NUMBER OF SEQ ID NOS: 3148

SOFTWARE: PatentIn version 3.0

SEQ ID NO 385

LENGTH: 15

TYPE: RNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target

US-09-274-553D-385

Query Match 0.5%; Score 10.8; DB 1; Length 15;

Best Local Similarity 85.7%; Pred. No. 3.7e+02;

Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1211 AGGGGGCTGACCCC 1224
|||||

Db 14 AGGGGGGAGACCCC 1
|||||

RESULT 592

US-09-274-553D-653/c
; Sequence 653, Application US/09274553D
; Patent No. US20020082225A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; FILE REFERENCE: IPI 247/282
; CURRENT APPLICATION NUMBER: US/09/274,553D
; CURRENT FILING DATE: 1999-03-23
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3148
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 653
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-653

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 735 GAAACAGACACCG 748
DB 15 GAAACAGTACACTG 2

RESULT 593
US-09-274-553D-776/c
; Sequence 776, Application US/09274553D
; Patent No. US20020082225A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; FILE REFERENCE: IPI 247/282
; CURRENT APPLICATION NUMBER: US/09/274,553D
; CURRENT FILING DATE: 1999-03-23
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3148
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 776
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-776

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1042 ACTACTAAGCCCT 1055
DB 14 ACGATAAGCCCT 1
RESULT 594
US-09-274-553D-856/c
; Sequence 856, Application US/09274553D
; Patent No. US20020082225A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS REL
; FILE REFERENCE: IPI 247/282
; CURRENT APPLICATION NUMBER: US/09/274,553D
; CURRENT FILING DATE: 1999-03-23
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3148
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 856
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-856

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1056 GGCCCCCAACCCAA 1069
DB 14 GGCCCCAACCCTA 1

RESULT 595
US-09-274-553D-949
; Sequence 949, Application US/09274553D
; Patent No. US20020082225A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS REL
; FILE REFERENCE: IPI 247/282
; CURRENT APPLICATION NUMBER: US/09/274,553D
; CURRENT FILING DATE: 1999-03-23
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3148
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 949
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-949

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;
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-949

Query Match
Best Local Similarity 0.5%; Score 10.8; DB 1; Length 15;
Matches 11; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1085 CAGGCTTCACCC 1098
Db 2 CAGGCCUCCACCC 15

RESULT 596
US-09-274-553D-949/c
; Sequence 949, Application US/09274553D
; Patent No. US20020082225A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMAIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; FILE REFERENCE: rpi 247/282
; CURRENT APPLICATION NUMBER: US/09/274,553D
; CURRENT FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3148
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 949
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-949

Query Match
Best Local Similarity 0.5%; Score 10.8; DB 1; Length 15;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1021 GAGGGGAGGCTTGA 1034
Db 14 GAGGTGAGGCTTGA 1

RESULT 597
US-09-891-517-50/c
; Sequence 50, Application US/09891517
; Patent No. US20020106653A1
; GENERAL INFORMATION:
; APPLICANT: KURANE, RYUICHIRO
; APPLICANT: KANAGAWA, TAKAHIRO
; APPLICANT: KAMAGATA, YOICHI
; APPLICANT: TORIMURA, MASAKI
; APPLICANT: KURATA, SHINVA
; APPLICANT: YAMADA, KAZUTAKA
; APPLICANT: YOKOMAKU, TOYOKAZU
; TITLE OF INVENTION: NOVEL NUCLEIC ACID PROBES, METHOD FOR DETERMINING CONCENTRATIONS
; FILE REFERENCE: 210352US-1994-163-0-X
; CURRENT APPLICATION NUMBER: US/09/891,517
; CURRENT FILING DATE: 2001-06-27
; PRIOR APPLICATION NUMBER: JF2000-193133
; PRIOR FILING DATE: 2000-06-27
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;
; PRIOR APPLICATION NUMBER: JP2000-236115
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: JP2000-292483
; PRIOR FILING DATE: 2000-09-26
; NUMBER OF SEQ ID NOS: 108
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 50
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic DNA
US-09-891-517-50

Query Match
Best Local Similarity 0.5%; Score 10.8; DB 1; Length 15;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAAGAGGGGAG 1029
Db 14 AAAAAGGGGGGGG 1

RESULT 598
US-09-825-805-137/c
; Sequence 137, Application US/09825805
; Publication No. US20030004122A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucle
; FILE REFERENCE: MBH00-831-F (400/009)
; CURRENT APPLICATION NUMBER: US/09/825,805
; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: 09/578,223
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 09/476,387
; PRIOR FILING DATE: 1999-12-30
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
; PRIOR APPLICATION NUMBER: 60/083,727
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/064,866
; PRIOR FILING DATE: 1997-11-05
; NUMBER OF SEQ ID NOS: 1558
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 137
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
; OTHER INFORMATION: Synthetic DNA
US-09-825-805-137

Query Match
Best Local Similarity 0.5%; Score 10.8; DB 1; Length 15;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1051 CCCCTGGCCCCAAA 1064
Db 15 CTCCTGGCCCCGAA 2

RESULT 599
US-09-739-909-1
; Sequence 1, Application US/09739909
```

```
; Publication No. US20030022163A1
; GENERAL INFORMATION:
; APPLICANT: Mandrekar, Michelle N.
; APPLICANT: Tereba, Allan
; APPLICANT: Shultz, John W.
; TITLE OF INVENTION: Detection of Repetitive Nucleic Acid Sequences
; FILE REFERENCE: US CIP of PRO-104.0
; CURRENT APPLICATION NUMBER: US/09/739,909
; CURRENT FILING DATE: 2000-12-15
; PRIOR APPLICATION NUMBER: 09/358,972
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: 09/383,316
; PRIOR FILING DATE: 1999-08-25
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: Patent Ver. 2.1
; SEQ ID NO 1
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-739-909-1

Query Match      0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1249 GACCCCATCCCCAA 1262
Db      2 GACCCCATCTCTAA 15
|||||

RESULT 600
US-09-771-933-173/c
; Sequence 173, Application US/09771933
; Publication No. US2003002387A1
; GENERAL INFORMATION:
; APPLICANT: Gill-Garrison, Rosalynn D
; APPLICANT: Martin, Christopher J
; APPLICANT: Sanchez-Felix, Manuel V
; TITLE OF INVENTION: Computer-assisted Means for Assessing Lifestyle Risk
; TITLE OF INVENTION: Factors
; FILE REFERENCE: 620-130
; CURRENT APPLICATION NUMBER: US/09/771,933
; CURRENT FILING DATE: 2001-01-30
; NUMBER OF SEQ ID NOS: 205
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 173
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Probe
US-09-771-933-173

Query Match      0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      910 TTCTTTGCTCTTG 923
Db      14 TTTTTCGTATTG 1
|||||

RESULT 601
US-09-877-478-6005
; Sequence 6005, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
```

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; FILE REFERENCE: MHB00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 6005
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-6005

Query Match      0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 42.9%; Pred. No. 3.7e+02;
Matches 6; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY      929 TATCCCTCCTCTTC 942
Db      1 UAUGCCUACUUC 14
|||

RESULT 602
US-09-848-754A-9233
; Sequence 9233, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rel:
; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors
; FILE REFERENCE: MHB00-958-I (400/018)
; CURRENT APPLICATION NUMBER: US/09/848,754A
; CURRENT FILING DATE: 2001-05-03
; NUMBER OF SEQ ID NOS: 9645
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 9233
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Enzymatic Nucleic acid
US-09-848-754A-9233

Query Match      0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 78.6%; Pred. No. 3.7e+02;
Matches 11; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY      1088 GCTTCAACCCCAACC 1101
Db      1 GCCUACCUCCACC 14
|||

RESULT 603
US-09-848-754A-9628
; Sequence 9628, Application US/09848754A
; Publication No. US20030073207A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Rel:
```

; TITLE OF INVENTION: Levels of Epidermal Growth Factor Receptors

; FILE REFERENCE: MBH00-958-I (400/018)

; CURRENT APPLICATION NUMBER: US/09/848,754A

; CURRENT FILING DATE: 2001-05-03

; NUMBER OF SEQ ID NOS: 9645

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 9628

; LENGTH: 15

; TYPE: RNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence: Enzymatic Nucleic acid

US-09-848-754A-9628

Query Match

Best Local Similarity 0.5%; Score 10.8; DB 1; Length 15;

Mismatches 9; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 882 CACCACAGTGCTGT 895

||||| |||.:|:

Db 2 CACCAGAGUGAUGU 15

RESULT 604

US-09-565-191-5

; Sequence 5, Application US/09565191

; Publication No. US20030124521A1

; GENERAL INFORMATION:

; APPLICANT: COULL, JAMES M.

; APPLICANT: HYLDIG-NIELSEN, JENS J.

; APPLICANT: GODTFREDSEN, SVEN E.

; APPLICANT: FIANDACA, MARK J.

; APPLICANT: STEFANO, KYRIAKI

; TITLE OF INVENTION: METHODS, KITS AND COMPOSITIONS FOR SUPPRESSING THE

; TITLE OF INVENTION: BINDING OF DETECTABLE PROBES TO NON-TARGET SEQUENCES IN

; FILE REFERENCE: BP9701US-CP1-DV1

; CURRENT APPLICATION NUMBER: US/09/565,191

; CURRENT FILING DATE: 2000-05-04

; PRIOR APPLICATION NUMBER: 08/963,472

; PRIOR FILING DATE: 1997-11-03

; PRIOR APPLICATION NUMBER: 08/937,709

; PRIOR FILING DATE: 1997-09-25

; PRIOR APPLICATION NUMBER: 60/032,349

; PRIOR FILING DATE: 1996-12-04

; NUMBER OF SEQ ID NOS: 16

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 5

; LENGTH: 15

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; NAME/KEY: misc feature

; LOCATION: (1)

; OTHER INFORMATION: 5'-FLUORESCIN

; OTHER INFORMATION: Description of Artificial Sequence:Synthetic

; OTHER INFORMATION: Oligonucleotide

US-09-565-191-5

Query Match

Best Local Similarity 0.5%; Score 10.8; DB 1; Length 15;

Mismatches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1134 CACCTCAGCTCCA 1147

||||| |||

Db 2 CGCCACCAGCTCCA 15

RESULT 605

US-09-565-191-5/c

; Sequence 5, Application US/09565191

; Publication No. US20030124521A1

; GENERAL INFORMATION:

; APPLICANT: COULL, JAMES M.

; APPLICANT: HYLDIG-NIELSEN, JENS J.

; APPLICANT: GODTFREDSEN, SVEN E.

; APPLICANT: FIANDACA, MARK J.

; APPLICANT: STEFANO, KYRIAKI

; TITLE OF INVENTION: METHODS, KITS AND COMPOSITIONS FOR SUPPRESSING THE

; TITLE OF INVENTION: BINDING OF DETECTABLE PROBES TO NON-TARGET SEQUENCES IN

; FILE REFERENCE: BP9701US-CP1-DV1

; CURRENT APPLICATION NUMBER: US/09/565,191

; CURRENT FILING DATE: 2000-05-04

; PRIOR APPLICATION NUMBER: 08/963,472

; PRIOR FILING DATE: 1997-11-03

; PRIOR APPLICATION NUMBER: 08/937,709

; PRIOR FILING DATE: 1997-09-25

; PRIOR APPLICATION NUMBER: 60/032,349

; PRIOR FILING DATE: 1996-12-04

; NUMBER OF SEQ ID NOS: 16

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 5

; LENGTH: 15

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; NAME/KEY: misc feature

; LOCATION: (1)

; OTHER INFORMATION: 5'-FLUORESCIN

; OTHER INFORMATION: Description of Artificial Sequence:Synthetic

; OTHER INFORMATION: Oligonucleotide

US-09-565-191-5

Query Match

Best Local Similarity 0.5%; Score 10.8; DB 1; Length 15;

Mismatches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 302 TGGAGCTGTGTG 315

||||| |||

Db 15 TGGAGCTGTGTGCG 2

RESULT 606

US-09-565-191-9

; Sequence 9, Application US/09565191

; Publication No. US20030124521A1

; GENERAL INFORMATION:

; APPLICANT: COULL, JAMES M.

; APPLICANT: HYLDIG-NIELSEN, JENS J.

; APPLICANT: GODTFREDSEN, SVEN E.

; APPLICANT: FIANDACA, MARK J.

; APPLICANT: STEFANO, KYRIAKI

; TITLE OF INVENTION: METHODS, KITS AND COMPOSITIONS FOR SUPPRESSING THE

; TITLE OF INVENTION: BINDING OF DETECTABLE PROBES TO NON-TARGET SEQUENCES IN

; FILE REFERENCE: BP9701US-CP1-DV1

; CURRENT APPLICATION NUMBER: US/09/565,191

; CURRENT FILING DATE: 2000-05-04

; PRIOR APPLICATION NUMBER: 08/963,472

; PRIOR FILING DATE: 1997-11-03

; PRIOR APPLICATION NUMBER: 08/937,709

; PRIOR FILING DATE: 1997-09-25

; PRIOR APPLICATION NUMBER: 60/032,349

; PRIOR FILING DATE: 1996-12-04

; NUMBER OF SEQ ID NOS: 16

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 9

; LENGTH: 15

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Description of Artificial Sequence:Synthetic

; OTHER INFORMATION: Oligonucleotide

US-09-565-191-9

```
Query Match      0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1134 CACCTCCAGCTCCA 1147
Db 2 CGCCACCAGCTCCA 15

RESULT 607
US-09-565-191-9/c
; Sequence 9, Application US/09565191
; Publication No. US20030124521A1
; GENERAL INFORMATION:
; APPLICANT: COULL, JAMES M.
; APPLICANT: HYLDIG-NIELSEN, JENS J.
; APPLICANT: GODTFREDSEN, SVEN E.
; APPLICANT: FIANDACA, MARK J.
; APPLICANT: STEFANO, KIRIAKI
; TITLE OF INVENTION: METHODS, KITS AND COMPOSITIONS FOR SUPPRESSING THE
; TITLE OF INVENTION: BINDING OF DETECTABLE PROBES TO NON-TARGET SEQUENCES IN
; TITLE OF INVENTION: HYBRIDIZATION ASSAYS
; FILE REFERENCE: BP9701US-CP1-DV1
; CURRENT APPLICATION NUMBER: US/09/565,191
; CURRENT FILING DATE: 2000-05-04
; PRIOR APPLICATION NUMBER: 08/963,472
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 08/937,709
; PRIOR FILING DATE: 1997-09-25
; PRIOR APPLICATION NUMBER: 60/032,349
; PRIOR FILING DATE: 1996-12-04
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 9
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Oligonucleotide
US-09-565-191-9

Query Match      0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 302 TGGAGCTGTGGTG 315
Db 15 TGGAGCTGTGGCG 2

RESULT 608
US-09-793-146-57
; Sequence 57, Application US/09793146
; Publication No. US20030203359A1
; GENERAL INFORMATION:
; APPLICANT: UHLMANN, EUGEN
; APPLICANT: BREIPOHL, GERHARD
; TITLE OF INVENTION: POLYAMIDE-OLIGONUCLEOTIDE DERIVATIVES, THEIR
; TITLE OF INVENTION: PREPARATION AND USE
; FILE REFERENCE: 02481.1437-02
; CURRENT APPLICATION NUMBER: US/09/793,146
; CURRENT FILING DATE: 2001-02-27
; PRIOR APPLICATION NUMBER: P 44 08 528.1
; PRIOR FILING DATE: 1994-03-14
; PRIOR APPLICATION NUMBER: 08/402,838
; PRIOR FILING DATE: 1995-03-13
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 57
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence

; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic PNA
; OTHER INFORMATION:
US-09-793-146-57

Query Match      0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAAGGGGGGAG 1029
Db 2 AAAAAGGGGGGGG 15

RESULT 609
US-09-875-211-16
; Sequence 16, Application US/09875211
; Publication No. US20030207266A1
; GENERAL INFORMATION:
; APPLICANT: Chen, Caifu
; APPLICANT: Egholm, Michael
; APPLICANT: Haff, Lawrence
; TITLE OF INVENTION: ASYNCHRONOUS PRIMED PCR
; FILE REFERENCE: 4563US
; CURRENT APPLICATION NUMBER: US/09/875,211
; CURRENT FILING DATE: 2001-06-05
; PRIOR APPLICATION NUMBER: 60/209,883
; PRIOR FILING DATE: 2000-06-06
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: Patent In version 3.0
; SEQ ID NO 16
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
; OTHER INFORMATION:
US-09-875-211-16

Query Match      0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1134 CACCTCCAGCTCCA 1147
Db 2 CGCCACCAGCTCCA 15

RESULT 610
US-09-875-211-16/c
; Sequence 16, Application US/09875211
; Publication No. US20030207266A1
; GENERAL INFORMATION:
; APPLICANT: Chen, Caifu
; APPLICANT: Egholm, Michael
; APPLICANT: Haff, Lawrence
; TITLE OF INVENTION: ASYNCHRONOUS PRIMED PCR
; FILE REFERENCE: 4563US
; CURRENT APPLICATION NUMBER: US/09/875,211
; CURRENT FILING DATE: 2001-06-05
; PRIOR APPLICATION NUMBER: 60/209,883
; PRIOR FILING DATE: 2000-06-06
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 16
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
; OTHER INFORMATION:
US-09-875-211-16

Query Match      0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 302 TGGAGCTGTGGTG 315
Db 15 TGGAGCTGTGGCG 2
```


RESULT 611
US-10-113-877-35/c
; Sequence 35, Application US/10113877
; Publication No. US20020177218A1
; GENERAL INFORMATION:
; APPLICANT: Pang, Yu
; APPLICANT: Wang, Xiao-Yang
; APPLICANT: Turpin, Pierre
; TITLE OF INVENTION: Methods of detecting multiple DNA
; TITLE OF INVENTION: binding protein and DNA interactions in a sample, and
; TITLE OF INVENTION: devices, systems and kits for practicing the same.
; FILE REFERENCE: CLON-071
; CURRENT APPLICATION NUMBER: US/10/113,877
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: 60/280,658
; PRIOR FILING DATE: 2001-03-30
; PRIOR APPLICATION NUMBER: 60/314,330
; PRIOR FILING DATE: 2001-08-20
; NUMBER OF SEQ ID NOS: 192
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 35
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-113-877-35

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 740 AGAACACCCGTGTC 753
Db 15 AGAACACCCGTGTC 2

RESULT 612
US-10-056-414-10/c
; Sequence 10, Application US/10056414
; Publication No. US20030003469A1
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth G.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; DISEASES OR CONDITIONS
; RELATED TO LEVELS OF
; NF-KB
; NUMBER OF SEQUENCES: 830
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/056,414
; FILING DATE: 23-Jan-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/291,932A
; FILING DATE: August 15, 1994

; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/157
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 953-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 10:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 15 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 10:
US-10-056-414-10

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 731 AGGAGAAACAGAAC 744
Db 14 AGGAGAAACAGATC 1

RESULT 613
US-10-056-414-124/c
; Sequence 124, Application US/10056414
; Publication No. US20030003469A1
; GENERAL INFORMATION:
; APPLICANT: Stinchcomb, Dan T.
; APPLICANT: Draper, Kenneth G.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RIBOZYME TREATMENT OF
; DISEASES OR CONDITIONS
; RELATED TO LEVELS OF
; NF-KB
; NUMBER OF SEQUENCES: 830
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: Word Perfect 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/056,414
; FILING DATE: 23-Jan-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/291,932A
; FILING DATE: August 15, 1994
; APPLICATION NUMBER: 08/245,466
; FILING DATE: May 18, 1994
; APPLICATION NUMBER: 07/987,132
; FILING DATE: December 7, 1992
; ATTORNEY/AGENT INFORMATION:
; NAME: Warburg, Richard J.
; REGISTRATION NUMBER: 32,327
; REFERENCE/DOCKET NUMBER: 208/157
; TELECOMMUNICATION INFORMATION:


```
; PRIOR APPLICATION NUMBER: EP 01870085.6
; PRIOR FILING DATE: 2001-04-20
; PRIOR APPLICATION NUMBER: EP 01870005.4
; PRIOR FILING DATE: 2001-01-11
; NUMBER OF SEQ ID NOS: 884
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 880
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Human immunodeficiency virus
US-10-043-875-880

Query Match          0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1212 GGGGGCTGACCCCA 1225
Db 2 GGGGGCTTACCACA 15

RESULT 620
US-10-152-123-23
; Sequence 23, Application US/10152123
; Publication No. US20030072712A1
; GENERAL INFORMATION:
; APPLICANT: Lin, Kuei-Ying
; APPLICANT: Matteucci, Mark D.
; TITLE OF INVENTION: Pyrimidine Derivatives For Labeled Binding Partners
; FILE REFERENCE: GLI0127
; CURRENT APPLICATION NUMBER: US/10/152,123
; CURRENT FILING DATE: 2002-05-21
; PRIOR APPLICATION NUMBER: US/09/400,502
; PRIOR FILING DATE: 1999-09-21
; PRIOR APPLICATION NUMBER: 08/966,392
; PRIOR FILING DATE: 1997-11-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 23
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; LOCATION: (1)
; OTHER INFORMATION: No. US20030072712A1el Sequence
US-10-152-123-23

Query Match          0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAAGAGGGGAG 1029
Db 1 AAAAAGAGAGAGAG 14

RESULT 621
US-10-152-123-24
; Sequence 24, Application US/10152123
; Publication No. US20030072712A1
; GENERAL INFORMATION:
; APPLICANT: Lin, Kuei-Ying
; APPLICANT: Matteucci, Mark D.
; TITLE OF INVENTION: Pyrimidine Derivatives For Labeled Binding Partners
; FILE REFERENCE: GLI0127
; CURRENT APPLICATION NUMBER: US/10/152,123
; CURRENT FILING DATE: 2002-05-21
; PRIOR APPLICATION NUMBER: US/09/400,502
; PRIOR FILING DATE: 1999-09-21
; PRIOR APPLICATION NUMBER: 08/966,392
; PRIOR FILING DATE: 1997-11-07
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 24

; PRIOR APPLICATION NUMBER: EP 01870085.6
; PRIOR FILING DATE: 2001-04-20
; PRIOR APPLICATION NUMBER: EP 01870005.4
; PRIOR FILING DATE: 2001-01-11
; NUMBER OF SEQ ID NOS: 884
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 880
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20030072712A1el Sequence
US-10-152-123-24

Query Match          0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAAGAGGGGAG 1029
Db 1 AAAAAGAGAGAGAG 14

RESULT 622
US-10-159-495-4
; Sequence 4, Application US/10159495
; Publication No. US20030073106A1
; GENERAL INFORMATION:
; APPLICANT: Johansen, Jack T
; APPLICANT: Hyldig-Nielsen, Jens J
; APPLICANT: Fiandaca, Mark J
; APPLICANT: Coull, James M
; TITLE OF INVENTION: Methods, Kits and Compositions For The Identification Of
; FILE REFERENCE: Nucleic Acids Electrostatically Bound To Matrices
; CURRENT APPLICATION NUMBER: US/10/159,495
; CURRENT FILING DATE: 2002-05-31
; PRIOR APPLICATION NUMBER: 09/456,773
; PRIOR FILING DATE: 1999-12-08
; PRIOR APPLICATION NUMBER: 60/111,439
; PRIOR FILING DATE: 1998-12-08
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)
; OTHER INFORMATION: 5' fluorescein label
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; OTHER INFORMATION: probe, primer or target
US-10-159-495-4

Query Match          0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1134 CACCTCCAGCTCCA 1147
Db 2 CGCCACCAGCTCCA 15

RESULT 623
US-10-159-495-4/c
; Sequence 4, Application US/10159495
; Publication No. US20030073106A1
; GENERAL INFORMATION:
; APPLICANT: Johansen, Jack T
; APPLICANT: Hyldig-Nielsen, Jens J
; APPLICANT: Fiandaca, Mark J
; APPLICANT: Coull, James M
; TITLE OF INVENTION: Methods, Kits and Compositions For The Identification Of
; FILE REFERENCE: Nucleic Acids Electrostatically Bound To Matrices
; CURRENT APPLICATION NUMBER: US/10/159,495
; CURRENT FILING DATE: 2002-05-31
; PRIOR APPLICATION NUMBER: 09/456,773
```

```
; PRIOR FILING DATE: 1999-12-08
; PRIOR APPLICATION NUMBER: 60/111,439
; PRIOR FILING DATE: 1998-12-08
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)
; OTHER INFORMATION: 5' fluorescein label
;
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; OTHER INFORMATION: probe, primer or target
US-10-159-495-4

Query Match          0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 302 TGGAGCTGTGGTG 315
Db 15 TGGAGCTGTGGTG 2

RESULT 624
US-10-152-297-87
; Sequence 87, Application US/10152297
; Publication No. US2003007621A1
; GENERAL INFORMATION:
; APPLICANT: Shultz, John W
; APPLICANT: Lewis, Martin K.
; APPLICANT: Lieppe, Donna
; APPLICANT: Mandrekar, Michelle
; APPLICANT: Kephart, Daniel
; APPLICANT: Rhodes, Richard B.
; APPLICANT: Andrews, Christine A.
; APPLICANT: Hartnett, James R.
; APPLICANT: Gu, Trent
; APPLICANT: Olson, Ryan J.
; APPLICANT: Wood, Keith W.
; APPLICANT: Welch, Roy
; TITLE OF INVENTION: Nucleic Acid Detection
; FILE REFERENCE: PRO-104 6868/75529
; CURRENT APPLICATION NUMBER: US/10/152,297
; CURRENT FILING DATE: 2002-05-20
; PRIOR APPLICATION NUMBER: US/09/383,316
; PRIOR FILING DATE: 1999-08-25
; PRIOR APPLICATION NUMBER: 09/252,436
; PRIOR FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: 09/042,287
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 09/358,972
; PRIOR FILING DATE: 1999-07-21
; NUMBER OF SEQ ID NOS: 123
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 87
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: probe to AluI
; OTHER INFORMATION: human gene
US-10-152-297-87

Query Match          0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1249 GACCCCATCCCCAA 1262
Db 15 GACCCCATCCCCAA 15
```

```
Db 2 GACCCCATCTCTAA 15

RESULT 625
US-10-010-802-97
; Sequence 97, Application US/10010802
; Publication No. US20030078220A1
; GENERAL INFORMATION:
; APPLICANT: Genaisance Pharmaceuticals
; APPLICANT: Chew, Anne
; APPLICANT: Denton, R. Rex
; APPLICANT: Duda, Amy
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Stephens, J. Claiborne
; APPLICANT: Windemuth, Andreas
; TITLE OF INVENTION: Drug Target Isogenes: Polymorphisms in the Interleukin
; FILE REFERENCE: 4 Receptor Alpha Gene
; CURRENT APPLICATION NUMBER: US/10/010,802
; CURRENT FILING DATE: 2001-11-09
; PRIOR APPLICATION NUMBER: PCT/US00/19094
; PRIOR FILING DATE: 2000-07-13
; NUMBER OF SEQ ID NOS: 413
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 97
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-010-802-97

Query Match          0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1236 AGCCCTCGCTCG 1249
Db 1 ACCCGCGCTCG 14

RESULT 626
US-10-010-802-115
; Sequence 115, Application US/10010802
; Publication No. US20030078220A1
; GENERAL INFORMATION:
; APPLICANT: Genaisance Pharmaceuticals
; APPLICANT: Chew, Anne
; APPLICANT: Denton, R. Rex
; APPLICANT: Duda, Amy
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Stephens, J. Claiborne
; APPLICANT: Windemuth, Andreas
; TITLE OF INVENTION: Drug Target Isogenes: Polymorphisms in the Interleukin
; FILE REFERENCE: 4 Receptor Alpha Gene
; CURRENT APPLICATION NUMBER: US/10/010,802
; CURRENT FILING DATE: 2001-11-09
; PRIOR APPLICATION NUMBER: PCT/US00/19094
; PRIOR FILING DATE: 2000-07-13
; NUMBER OF SEQ ID NOS: 413
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 115
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-010-802-115

Query Match          0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1250 ACCCATCCCCAA 1263
Db 2 ACCCATCCCCAA 15
```

RESULT 627

US-10-159-322-4

; Sequence 4, Application US/10159322

; Publication No. US20030091988A1

; GENERAL INFORMATION:

; APPLICANT: Johansen, Jack T

; APPLICANT: Hyldig-Nielsen, Jens J

; APPLICANT: Fiandaca, Mark J

; APPLICANT: Coull, James M

; TITLE OF INVENTION: Methods, Kits and Compositions For The Identification Of

; FILE REFERENCE: Nucleic Acids Electrostatically Bound To Matrices

; CURRENT APPLICATION NUMBER: US/10/159,322

; CURRENT FILING DATE: 2002-05-31

; PRIOR APPLICATION NUMBER: 09/456,773

; PRIOR FILING DATE: 1999-12-08

; PRIOR APPLICATION NUMBER: 60/111,439

; PRIOR FILING DATE: 1998-12-08

; NUMBER OF SEQ ID NOS: 15

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 4

; LENGTH: 15

; TYPE: DNA

; ORGANISM: Artificial Sequence

; NAME/KEY: misc_feature

; LOCATION: (1)

; OTHER INFORMATION: 5' fluorescein label

; OTHER INFORMATION: Description of Artificial Sequence: synthetic

; OTHER INFORMATION: probe, primer or target

US-10-159-322-4

Query Match

Best Local Similarity 0.5%; Score 10.8; DB 1; Length 15;

Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1134 CACCTCCAGCTCCA 1147

DB 2 CGCCACCAGCTCCA 15

RESULT 628

US-10-159-322-4/c

; Sequence 4, Application US/10159322

; Publication No. US20030091988A1

; GENERAL INFORMATION:

; APPLICANT: Johansen, Jack T

; APPLICANT: Hyldig-Nielsen, Jens J

; APPLICANT: Fiandaca, Mark J

; APPLICANT: Coull, James M

; TITLE OF INVENTION: Methods, Kits and Compositions For The Identification Of

; FILE REFERENCE: Nucleic Acids Electrostatically Bound To Matrices

; CURRENT APPLICATION NUMBER: US/10/159,322

; CURRENT FILING DATE: 2002-05-31

; PRIOR APPLICATION NUMBER: 09/456,773

; PRIOR FILING DATE: 1999-12-08

; PRIOR APPLICATION NUMBER: 60/111,439

; PRIOR FILING DATE: 1998-12-08

; NUMBER OF SEQ ID NOS: 15

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 4

; LENGTH: 15

; TYPE: DNA

; ORGANISM: Artificial Sequence

; NAME/KEY: misc_feature

; LOCATION: (1)

; OTHER INFORMATION: 5' fluorescein label

; OTHER INFORMATION: Description of Artificial Sequence: synthetic

; OTHER INFORMATION: probe, primer or target

US-10-159-322-4

Query Match

Best Local Similarity 0.5%; Score 10.8; DB 1; Length 15;

Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 302 TGGAGCTGTTGGTG 315

DB 15 TGGAGCTGTTGGCG 2

RESULT 629

US-10-024-818-6

; Sequence 6, Application US/10024818

; Publication No. US20030096980A1

; GENERAL INFORMATION:

; APPLICANT: Froehler, Brian

; APPLICANT: Wagner, Rick

; APPLICANT: Mateucci, Mark

; APPLICANT: Jones, Robert J.

; APPLICANT: Gutierrez, Arnold J.

; APPLICANT: Pudlo, Jeff

; TITLE OF INVENTION: Enhanced Triple-Helix And Double-Helix Formation With Oligomer

; FILE REFERENCE: Containing Modified Pyrimidines

; CURRENT APPLICATION NUMBER: US/10/024,818

; PRIOR FILING DATE: 2001-12-18

; PRIOR APPLICATION NUMBER: 08/599,738

; PRIOR FILING DATE: 1996-02-12

; NUMBER OF SEQ ID NOS: 54

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 6

; LENGTH: 15

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Synthetic construct

US-10-024-818-6

Query Match

Best Local Similarity 0.5%; Score 10.8; DB 1; Length 15;

Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAAGAGGGGAG 1029

DB 1 AAAAAGAGAGAG 14

RESULT 630

US-10-024-818-12

; Sequence 12, Application US/10024818

; Publication No. US20030096980A1

; GENERAL INFORMATION:

; APPLICANT: Froehler, Brian

; APPLICANT: Wagner, Rick

; APPLICANT: Mateucci, Mark

; APPLICANT: Jones, Robert J.

; APPLICANT: Gutierrez, Arnold J.

; APPLICANT: Pudlo, Jeff

; TITLE OF INVENTION: Enhanced Triple-Helix And Double-Helix Formation With Oligomer

; FILE REFERENCE: Containing Modified Pyrimidines

; CURRENT APPLICATION NUMBER: US/10/024,818

; CURRENT FILING DATE: 2001-12-18

; PRIOR APPLICATION NUMBER: 08/599,738

; PRIOR FILING DATE: 1996-02-12

; NUMBER OF SEQ ID NOS: 54

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 12

; LENGTH: 15

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Synthetic construct
US-10-024-818-12

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAGAGGGGAG 1029
|||||
Db 1 AAAAGAGAGAG 14

RESULT 631

US-10-024-818-40/C

; Sequence 40, Application US/10024818

; Publication No. US20030096980A1

; GENERAL INFORMATION:

; APPLICANT: Froehler, Brian

; APPLICANT: Wagner, Rick

; APPLICANT: Mateucci, Mark

; APPLICANT: Jones, Robert J.

; APPLICANT: Gutierrez, Arnold J.

; APPLICANT: Pudlo, Jeff

; TITLE OF INVENTION: Enhanced Triple-Helix And Double-Helix Formation With Oligomers
; FILE REFERENCE: GLS0143

; CURRENT APPLICATION NUMBER: US/10/024,818

; CURRENT FILING DATE: 2001-12-18

; PRIOR APPLICATION NUMBER: 08/599,738

; PRIOR FILING DATE: 1996-02-12

; NUMBER OF SEQ ID NOS: 54

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 40

; LENGTH: 15

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Synthetic construct

US-10-024-818-40

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAGAGGGGAG 1029
|||||
Db 15 AAAAGAGAGAG 2

RESULT 632

US-10-024-818-49

; Sequence 49, Application US/10024818

; Publication No. US20030096980A1

; GENERAL INFORMATION:

; APPLICANT: Froehler, Brian

; APPLICANT: Wagner, Rick

; APPLICANT: Mateucci, Mark

; APPLICANT: Jones, Robert J.

; APPLICANT: Gutierrez, Arnold J.

; APPLICANT: Pudlo, Jeff

; TITLE OF INVENTION: Enhanced Triple-Helix And Double-Helix Formation With Oligomers
; FILE REFERENCE: GLS0143

; CURRENT APPLICATION NUMBER: US/10/024,818

; CURRENT FILING DATE: 2001-12-18

; PRIOR APPLICATION NUMBER: 08/599,738

; PRIOR FILING DATE: 1996-02-12

; NUMBER OF SEQ ID NOS: 54

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 49

; LENGTH: 15

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-10-024-818-49

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAGAGGGGAG 1029
|||||
Db 1 AAAAGAGAGAG 14

RESULT 633

US-10-084-814-73

; Sequence 73, Application US/10084814

; Publication No. US20030108982A1

; GENERAL INFORMATION:

; APPLICANT: SLIJKHUIS, HERMAN; SELTEN,

; APPLICANT: GERARDUS CORNELIS MARIA; SMAAL,

; APPLICANT: ERIC BASTIAAN

; TITLE OF INVENTION: PROCESS FOR OXIDATION OF
; STEROIDS AND GENETICALLY ENGINEERED CELLS
; USED THEREIN

; NUMBER OF SEQUENCES: 79

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: BIERMAN, MUSERLIAN & LUCAS

; STREET: 600 THIRD AVENUE

; CITY: NEW YORK

; STATE: NEW YORK

; COUNTRY: USA

; ZIP: 10016

; COMPUTER READABLE FORM:

; MEDIUM TYPE: FLOPPY DISK

; COMPUTER: IBM PC COMPATIBLE

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: MICROSOFT WORD 97

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/10/084,814

; FILING DATE: 26-Feb-2002

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/418,085

; FILING DATE: 06-APR-1995

; APPLICATION NUMBER: 08/054,185

; FILING DATE: 26-APR-1993

; APPLICATION NUMBER: 08/002,608

; FILING DATE: 11-JAN-1993

; APPLICATION NUMBER: 07/474,857

; FILING DATE: 30-OCT-1990

; APPLICATION NUMBER: 07/474,798

; FILING DATE: 16-JULY-1990

; APPLICATION NUMBER: PCT/NL89/00072

; FILING DATE: 25-SEPT-1989

; APPLICATION NUMBER: NL88/200904.6

; FILING DATE: 06-MAY-1988

; APPLICATION NUMBER: NL/88/202080.3

; FILING DATE: 03-SEP-1988

; ATTORNEY/AGENT INFORMATION:

; NAME: CHARLES A. MUSERLIAN

; REGISTRATION NUMBER: 19,683

; REFERENCE/DOCKET NUMBER: 146.1169-

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (212) 661-8000

; TELEFAX: (212) 661-8002

; INFORMATION FOR SEQ ID NO: 73:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 15 BASE PAIRS

; TYPE: NUCLEIC ACID

; STRANDEDNESS: SINGLE

; TOPOLOGY: LINEAR

; SEQUENCE DESCRIPTION: SEQ ID NO: 73:

US-10-084-814-73

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1056 GGCCCAACCAAA 1069
Db 1 GGCCCAACCAAA 14
|||||

RESULT 634
US-10-171-270-2/c
; Sequence 2, Application US/10171270
; Publication No. US20030120065A1
; GENERAL INFORMATION:
; APPLICANT: Froehler, Brian C.
; APPLICANT: Gutierrez, Arnold J.
; APPLICANT: Matteucci, Mark D.
; TITLE OF INVENTION: 2-Aminopyridine and 2'-Pyridone C-Nucleosides
; FILE REFERENCE: GLIS0142
; CURRENT APPLICATION NUMBER: US/10/171,270
; CURRENT FILING DATE: 2002-06-13
; PRIOR APPLICATION NUMBER: US/09/717,422
; PRIOR FILING DATE: 2000-11-21
; PRIOR APPLICATION NUMBER: 08/906,378
; PRIOR FILING DATE: 1997-08-05
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20030120065A1el Sequence
US-10-171-270-2

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1016 AAAAAGAGGGGAG 1029
Db 15 AAAAAGAGAGAGAG 2
|||||

RESULT 635
US-10-128-560-219
; Sequence 219, Application US/10128560
; Publication No. US20030134272A1
; GENERAL INFORMATION:
; APPLICANT: Universiteit Gent
; TITLE OF INVENTION: Improved mutation analysis of the NPI Gene
; FILE REFERENCE: UG-005-PCI
; CURRENT APPLICATION NUMBER: US/10/128,560
; CURRENT FILING DATE: 2002-04-18
; PRIOR APPLICATION NUMBER: EP 99870216.1
; PRIOR FILING DATE: 1999-10-18
; PRIOR APPLICATION NUMBER: EP 00870122.9
; PRIOR FILING DATE: 2000-06-05
; PRIOR APPLICATION NUMBER: UG 60/211,929
; PRIOR FILING DATE: 2000-06-16
; NUMBER OF SEQ ID NOS: 264
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 219
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-128-560-219

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 904 GTCATTTTCCTTGG 917
Db 1 GTCATTTTCCTTGG 14
|||||

RESULT 636
US-10-294-203-6
; Sequence 6, Application US/10294203
; Publication No. US20030170680A1
; GENERAL INFORMATION:
; APPLICANT: Froehler, Brian
; APPLICANT: Wagner, Rick
; APPLICANT: Matteucci, Mark
; APPLICANT: Jones, Robert J.
; APPLICANT: Gutierrez, Arnold J.
; APPLICANT: Pudlo, Jeff
; TITLE OF INVENTION: Enhanced Triple-Helix And Double-Helix Formation With Oligomer
; FILE REFERENCE: GLIS0155
; CURRENT APPLICATION NUMBER: US/10/294,203
; CURRENT FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: 08/599,738
; PRIOR FILING DATE: 1996-02-12
; PRIOR APPLICATION NUMBER: 10/024,818
; PRIOR FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-10-294-203-6

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1016 AAAAAGAGGGGAG 1029
Db 1 AAAAAGAGAGAGAG 14
|||||

RESULT 637
US-10-294-203-12
; Sequence 12, Application US/10294203
; Publication No. US20030170680A1
; GENERAL INFORMATION:
; APPLICANT: Froehler, Brian
; APPLICANT: Wagner, Rick
; APPLICANT: Matteucci, Mark J.
; APPLICANT: Jones, Robert J.
; APPLICANT: Gutierrez, Arnold J.
; APPLICANT: Pudlo, Jeff
; TITLE OF INVENTION: Enhanced Triple-Helix And Double-Helix Formation With Oligomer
; FILE REFERENCE: GLIS0155
; CURRENT APPLICATION NUMBER: US/10/294,203
; CURRENT FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: 08/599,738
; PRIOR FILING DATE: 1996-02-12
; PRIOR APPLICATION NUMBER: 10/024,818
; PRIOR FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 12
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-10-294-203-12


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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-10-294-203-40/c
Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAAGAGGGGAG 1029
Db 1 AAAAAGAGAGAGAG 14

RESULT 638
US-10-294-203-40/c
; Sequence 40, Application US/10294203
; Publication No. US20030170680A1
; GENERAL INFORMATION:
; APPLICANT: Froehler, Brian
; APPLICANT: Wagner, Rick
; APPLICANT: Mateucci, Mark
; APPLICANT: Jones, Robert J.
; APPLICANT: Gutierrez, Arnold J.
; APPLICANT: Pudlo, Jeff
; TITLE OF INVENTION: Enhanced Triple-Helix And Double-Helix Formation With Oligomers
; TITLE OF INVENTION: Containing Modified Pyrimidines
; FILE REFERENCE: GLIS0155
; CURRENT APPLICATION NUMBER: US/10/294,203
; CURRENT FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: 08/599,738
; PRIOR FILING DATE: 1996-02-12
; PRIOR APPLICATION NUMBER: 10/024,818
; PRIOR FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 40
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-10-294-203-40

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAAGAGGGGAG 1029
Db 15 AAAAAGAGAGAGAG 2

RESULT 639
US-10-294-203-49
; Sequence 49, Application US/10294203
; Publication No. US20030170680A1
; GENERAL INFORMATION:
; APPLICANT: Froehler, Brian
; APPLICANT: Wagner, Rick
; APPLICANT: Mateucci, Mark
; APPLICANT: Jones, Robert J.
; APPLICANT: Gutierrez, Arnold J.
; APPLICANT: Pudlo, Jeff
; TITLE OF INVENTION: Enhanced Triple-Helix And Double-Helix Formation With Oligomers
; TITLE OF INVENTION: Containing Modified Pyrimidines
; FILE REFERENCE: GLIS0155
; CURRENT APPLICATION NUMBER: US/10/294,203
; CURRENT FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: 08/599,738
; PRIOR FILING DATE: 1996-02-12
; PRIOR APPLICATION NUMBER: 10/024,818
; PRIOR FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 49
; LENGTH: 15
```

```
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-10-294-203-49

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1016 AAAAAGAGGGGAG 1029
Db 1 AAAAAGAGAGAGAG 14

RESULT 640
US-10-044-674-44
; Sequence 44, Application US/10044674
; Publication No. US2003017510A1
; GENERAL INFORMATION:
; APPLICANT: Chew, Anne
; APPLICANT: Denton, R. Rex
; APPLICANT: Bieglecki, Karyn M
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Stephens, J. Claiborne
; TITLE OF INVENTION: HAPLOTYPES OF THE TNFRSF11B GENE
; FILE REFERENCE: TNFRSF11B_MWH-0001US (CIP)
; CURRENT APPLICATION NUMBER: US/10/044,674
; CURRENT FILING DATE: 2002-01-09
; PRIOR APPLICATION NUMBER: PCT/US00/18803
; PRIOR FILING DATE: 2000-07-10
; NUMBER OF SEQ ID NOS: 94
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 44
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-044-674-44

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 919 CTTTGCCTTTTATC 932
Db 2 CTTGCATTTTARC 15

RESULT 641
US-10-277-494-57
; Sequence 57, Application US/10277494
; Publication No. US20030186909A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or conditions Related To Le
; TITLE OF INVENTION: Epidermal Growth Factor Receptors
; FILE REFERENCE: MBH00-958-K (400/064)
; CURRENT APPLICATION NUMBER: US/10/277,494
; CURRENT FILING DATE: 2002-10-21
; NUMBER OF SEQ ID NOS: 446
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 57
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-277-494-57

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 64.3%; Pred. No. 3.7e+02;
Matches 9; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 882 CACCACAGTGTGT 895
```

Db 2 CACCAGAGUGAUGU 15
||||| ||:| |:

RESULT 642

US-10-277-494-73
; Sequence 73, Application US/10277494
; Publication No. US20030186909A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or conditions Related To Level
; FILE REFERENCE: 250/130 (MEHB00-900-A)
; CURRENT APPLICATION NUMBER: US/10/277,494
; CURRENT FILING DATE: 2002-10-21
; NUMBER OF SEQ ID NOS: 446
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 73
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-277-494-73

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 64.3%; Pred. No. 3.7e+02;
Matches 9; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 882 CACCACAGTGTGT 895
||||| ||:| |:

Db 1 CACCAGAGUGAUGU 14

RESULT 643

US-10-440-850-111
; Sequence 111, Application US/10440850
; Publication No. US20030207837A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Induction of Graft Tolerance and Reversal
; FILE REFERENCE: 250/130 (MEHB00-900-A)
; CURRENT APPLICATION NUMBER: US/10/440,850
; CURRENT FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: US/09/650,012
; PRIOR FILING DATE: 2000-08-28
; PRIOR APPLICATION NUMBER: US 08/585,684
; PRIOR FILING DATE: 1996-01-12
; PRIOR APPLICATION NUMBER: US 60/000,951
; PRIOR FILING DATE: 1995-07-07
; PRIOR APPLICATION NUMBER: US 09/038,073
; PRIOR FILING DATE: 1998-03-11
; NUMBER OF SEQ ID NOS: 2285
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 111
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-440-850-111

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 78.6%; Pred. No. 3.7e+02;
Matches 11; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1094 CCCCCACCTGGC 1107
||||| ||:| |:

Db 1 CUCCCAUCUGGC 14

RESULT 644

US-10-440-850-111

US-10-440-850-290
; Sequence 290, Application US/10440850
; Publication No. US20030207837A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Induction of Graft Tolerance and Reversal
; FILE REFERENCE: 250/130 (MEHB00-900-A)
; CURRENT APPLICATION NUMBER: US/10/440,850
; CURRENT FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: US/09/650,012
; PRIOR FILING DATE: 2000-08-28
; PRIOR APPLICATION NUMBER: US 08/585,684
; PRIOR FILING DATE: 1996-01-12
; PRIOR APPLICATION NUMBER: US 60/000,951
; PRIOR FILING DATE: 1995-07-07
; PRIOR APPLICATION NUMBER: US 09/038,073
; PRIOR FILING DATE: 1998-03-11
; NUMBER OF SEQ ID NOS: 2285
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 290
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-440-850-290

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 42.9%; Pred. No. 3.7e+02;
Matches 6; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 943 ATTGCTTATGTA 956
||:| |:

Db 1 AUUGCUUAUGUA 14

RESULT 645

US-10-440-850-411
; Sequence 411, Application US/10440850
; Publication No. US20030207837A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Induction of Graft Tolerance and Reversal
; FILE REFERENCE: 250/130 (MEHB00-900-A)
; CURRENT APPLICATION NUMBER: US/10/440,850
; CURRENT FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: US/09/650,012
; PRIOR FILING DATE: 2000-08-28
; PRIOR APPLICATION NUMBER: US 08/585,684
; PRIOR FILING DATE: 1996-01-12
; PRIOR APPLICATION NUMBER: US 60/000,951
; PRIOR FILING DATE: 1995-07-07
; PRIOR APPLICATION NUMBER: US 09/038,073
; PRIOR FILING DATE: 1998-03-11
; NUMBER OF SEQ ID NOS: 2285
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 411
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Mus musculus
US-10-440-850-411

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 57.1%; Pred. No. 3.7e+02;
Matches 8; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 757 TGCCATGCAGGTTT 770

Db 2 UGCCAUCCAGGCUU 15
:||||: |||| ::

RESULT 646

US-10-440-850-411/c
; Sequence 411, Application US/10440850
; Publication No. US20030207837A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Jarvis, Thale
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Method and Reagent for the Induction of Graft Tolerance and Reversal
; FILE REFERENCE: 250/130 (MBH300-900-A)
; CURRENT APPLICATION NUMBER: US/10/440,850
; CURRENT FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: US/09/650,012
; PRIOR FILING DATE: 2000-08-28
; PRIOR APPLICATION NUMBER: US 08/585,684
; PRIOR FILING DATE: 1996-01-12
; PRIOR APPLICATION NUMBER: US 60/000,951
; PRIOR FILING DATE: 1995-07-07
; PRIOR APPLICATION NUMBER: US 09/038,073
; PRIOR FILING DATE: 1998-03-11
; NUMBER OF SEQ ID NOS: 2285
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 411
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Mus musculus
US-10-440-850-411

Query Match 0.5%; Score 10.8; DB 1; Length 15;

Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 816 AAGCCTGGAGTGA 829
|||||||

Db 15 AAGCCTGGAGTGA 2
|||||||

RESULT 647

US-10-418-182-186
; Sequence 186, Application US/10418182
; Publication No. US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 186
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-418-182-186

Query Match 0.5%; Score 10.8; DB 1; Length 15;

Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1126 TCCACCTTCACCTC 1139
|||||||

Db 2 TCCCTCTCTCCTC 15
|||||||

RESULT 648

US-10-376-559-5
; Sequence 5, Application US/10376559
; Publication No. US20030232327A1
; GENERAL INFORMATION:
; APPLICANT: Gildea, Brian D.
; APPLICANT: Coull, James M.
; APPLICANT: Hvidig-Nielsen, Jens J.
; APPLICANT: Flandaca, Mark J.
; TITLE OF INVENTION: Methods, Kits and Compositions Pertaining To Linear
; TITLE OF INVENTION: Beacons
; FILE REFERENCE: BP9702US-CPI-DV2
; CURRENT APPLICATION NUMBER: US/10/376,559
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: 60/063,283
; PRIOR FILING DATE: 1997-10-27
; PRIOR APPLICATION NUMBER: 09/179,162
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)
; OTHER INFORMATION: 5' Fluorescein
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)
; OTHER INFORMATION: 3' Dabcyl
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
; OTHER INFORMATION: PROBE OR TARGET
US-10-376-559-5

Query Match 0.5%; Score 10.8; DB 1; Length 15;

Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 1134 CACCTCCAGCTCCA 1147
|||||||

Db 2 CGCACCACTCCA 15
|||||||

RESULT 649

US-10-376-559-5/c
; Sequence 5, Application US/10376559
; Publication No. US20030232327A1
; GENERAL INFORMATION:
; APPLICANT: Gildea, Brian D.
; APPLICANT: Coull, James M.
; APPLICANT: Hvidig-Nielsen, Jens J.
; APPLICANT: Flandaca, Mark J.
; TITLE OF INVENTION: Methods, Kits and Compositions Pertaining To Linear
; TITLE OF INVENTION: Beacons
; FILE REFERENCE: BP9702US-CPI-DV2
; CURRENT APPLICATION NUMBER: US/10/376,559
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: 60/063,283
; PRIOR FILING DATE: 1997-10-27
; PRIOR APPLICATION NUMBER: 09/179,162
; PRIOR FILING DATE: 1998-10-26
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 5
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc_feature
US-10-376-559-5/c

```
; LOCATION: (1)
; OTHER INFORMATION: 5' Fluorescein
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (15)
; OTHER INFORMATION: 3' Dabcyl
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: SYNTHETIC
; OTHER INFORMATION: PROBE OR TARGET
US-10-376-559-5
```

```
Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 302 TGGAGCTGTTGTG 315
Db 15 TGGAGCTGTTGCG 2
```

RESULT 650

```
US-10-176-972A-68
; Sequence 68, Application US/10176972A
; Publication No. US20030235822A1
; GENERAL INFORMATION:
; APPLICANT: Dempcy, Robert O.
; APPLICANT: Gall, Alexander A.
; APPLICANT: Lohkov, Sergey G.
; APPLICANT: Afonina, Irina A.
; APPLICANT: Singer, Michael J.
; APPLICANT: Kutyavin, Igor V.
; APPLICANT: Vermeulen, Nicolaas M.J.
; APPLICANT: Epoch Biosciences, Inc.
; TITLE OF INVENTION: Systems and Methods for Predicting Oligonucleotide Melting
; TITLE OF INVENTION: Temperatures (T-ms)
; FILE REFERENCE: 17682A-0036400S
; CURRENT APPLICATION NUMBER: US/10/176,972A
; CURRENT FILING DATE: 2002-06-18
; PRIOR APPLICATION NUMBER: US 09/054,830
; PRIOR FILING DATE: 1998-04-03
; PRIOR APPLICATION NUMBER: US 09/054,832
; PRIOR FILING DATE: 1998-04-03
; PRIOR APPLICATION NUMBER: US 09/431,385
; PRIOR FILING DATE: 1999-11-01
; PRIOR APPLICATION NUMBER: US 09/640,953
; PRIOR FILING DATE: 2000-08-16
; PRIOR APPLICATION NUMBER: US 09/724,959
; PRIOR FILING DATE: 2000-11-28
; PRIOR APPLICATION NUMBER: US 09/796,988
; PRIOR FILING DATE: 2001-02-28
; NUMBER OF SEQ ID NOS: 93
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 68
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: probe sequence
US-10-176-972A-68

Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 940 TTCATTGGTTTAAT 953
Db 2 TTCATTGGTTTAAT 15
```

RESULT 651

```
US-10-439-616-5/c
; Sequence 5, Application US/10439616
; Publication No. US20030235855A1
```

; GENERAL INFORMATION:

```
; APPLICANT: Board of Regents of the University of Texas System
; TITLE OF INVENTION: ASSAY FOR THE DETECTION OF PACLITAXEL RESISTANT CELLS IN HUMAN
; FILE REFERENCE: 96606/05CIP
; CURRENT APPLICATION NUMBER: US/10/439,616
; CURRENT FILING DATE: 2003-05-16
; PRIOR APPLICATION NUMBER: 60/135047
; PRIOR FILING DATE: 1999-05-20
; PRIOR APPLICATION NUMBER: 09/574099
; PRIOR FILING DATE: 2000-05-18
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Cricetulus griseus
; FEATURE:
; NAME/KEY: mutation
; LOCATION: (4)..(6)
; OTHER INFORMATION: L215F codon mutation CTC to TTC
US-10-439-616-5
```

```
Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 1024 GGGGAGCTTGAAGG 1037
Db 15 GGTGAGCTTGAAG 2
```

RESULT 652

```
US-10-271-602B-207
; Sequence 207, Application US/10271602B
; Publication No. US20040002073A1
; GENERAL INFORMATION:
; APPLICANT: Alice Xiang Li
; APPLICANT: Ghazala Hashmi
; APPLICANT: Michael Seul
; TITLE OF INVENTION: MULTIPLEXED ANALYSIS OF POLYMORPHIC LOCI
; TITLE OF INVENTION: BY CONCURRENT INTERROGATION AND ENZYME-MEDIATED DETECTION
; FILE REFERENCE: eMAP-US
; CURRENT APPLICATION NUMBER: US/10/271,602B
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/329,427
; PRIOR FILING DATE: 2001-10-14
; PRIOR APPLICATION NUMBER: 60/329,620
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 60/329,428
; PRIOR FILING DATE: 2001-10-14
; PRIOR APPLICATION NUMBER: 60/329,619
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 60/364,416
; PRIOR FILING DATE: 2002-03-14
; NUMBER OF SEQ ID NOS: 212
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 207
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Probe sequence derived from human genomic sequence
US-10-271-602B-207
```

```
Query Match 0.5%; Score 10.8; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 3.7e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY 1150 TATACCCCGGTGA 1163
Db 1 TGTACCCCGGTGA 14
```

RESULT 653

```
US-10-321-039-718/c
; Sequence 718, Application US/10321039
; Publication No. US20040014067A1
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Lukowiak, Andrew
; APPLICANT: Jarvis, Nancy
; APPLICANT: Kurensky, David
; TITLE OF INVENTION: Amplification Methods and Compositions
; FILE REFERENCE: FORS-06960
; CURRENT APPLICATION NUMBER: US/10/321,039
; CURRENT FILING DATE: 2002-12-17
; PRIOR APPLICATION NUMBER: 09/998,157
; PRIOR FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: 60/329,113
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 60/360,489
; PRIOR FILING DATE: 2001-10-19
; NUMBER OF SEQ ID NOS: 759
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 718
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-321-039-718
```

```
Query Match 0.5%; Score 10.8; DB 1; Length 16;
Best Local Similarity 85.7%; Pred. No. 4.3e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

QY

```
1672 TCCACCCCACTTT 1685
15 TCCACACCACTGT 2
```

Db

RESULT 654

```
US-10-210-130-362/c
; Sequence 362, Application US/10210130
; Publication No. US20040014053A1
; GENERAL INFORMATION:
; APPLICANT: Zerhusen, Bryan D.
; APPLICANT: Patturajan, Meera
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Miller, Charles E.
; APPLICANT: Rieger, Daniel K.
; APPLICANT: Pena, Carol E.A.
; APPLICANT: Shimkets, Richard A.
; APPLICANT: Li, Li
; APPLICANT: Berghs, Constance
; APPLICANT: Zhong, Mei
; APPLICANT: Casman, Stacie J.
; APPLICANT: Voss, Edward Z.
; APPLICANT: Boldog, Ferenc L.
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Smithson, Glennda
; APPLICANT: Ji, Weizhen
; APPLICANT: Gorman, Linda
; APPLICANT: Vernet, Corine A.M.
; APPLICANT: Leite, Mario W.
; APPLICANT: Guo, Xiaojia Sasha
; APPLICANT: Anderson, David W.
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: Gerlach, Valerie
; APPLICANT: Burgess, Catherine E.
; APPLICANT: Khramtsov, Nikolai V.
; APPLICANT: Ort, Tatiana
; APPLICANT: Ellerman, Karen
; APPLICANT: Rastelli, Luca
; APPLICANT: Agee, Michele L.
; APPLICANT: Chaudhuri, Amitabha
```

```
; APPLICANT: Chant, John S.
; APPLICANT: DiPippo, Vincent A.
; APPLICANT: Edinger, Shlomit R.
; APPLICANT: Eisen, Andrew J.
; APPLICANT: Gangolli, Esha A.
; APPLICANT: Giot, Loic
; APPLICANT: Ooi, Chean Eng
; APPLICANT: Rothenberg, Mark E.
; APPLICANT: Spaderna, Steven K.
; APPLICANT: Hjalt, Tord
; APPLICANT: Liu, Xiaohong
; APPLICANT: Taupier, Raymond J., Jr.
; APPLICANT: Catterton, Elna
; APPLICANT: Shenoy, Suresh G.
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-416C (Cura-716 SMT)
; CURRENT APPLICATION NUMBER: US/10/210,130
; CURRENT FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: 60/309,501
; PRIOR FILING DATE: 2001-08-02
; PRIOR APPLICATION NUMBER: 60/316,508
; PRIOR FILING DATE: 2001-08-31
; PRIOR APPLICATION NUMBER: 60/354,655
; PRIOR FILING DATE: 2002-02-05
; PRIOR APPLICATION NUMBER: 60/310,291
; PRIOR FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: 60/383,887
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: 60/310,951
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/323,936
; PRIOR FILING DATE: 2001-09-21
; PRIOR APPLICATION NUMBER: 60/381,039
; PRIOR FILING DATE: 2002-05-16
; PRIOR APPLICATION NUMBER: 60/311,292
; PRIOR FILING DATE: 2001-08-09
; PRIOR APPLICATION NUMBER: 60/311,979
; PRIOR FILING DATE: 2001-08-13
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 369
; SOFTWARE: CuraSequidist version 0.1
; SEQ ID NO 362
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-210-130-362
```

```
Query Match 0.5%; Score 10.8; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 4.9e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

QY

```
1 303 GGAGCTGTGGTGG 316
14 GGAGCTGGAGGTGG 1
```

Db

RESULT 655

```
US-10-096-125-1
; Sequence 1, Application US/10096125
; Publication No. US2003007608A1
; GENERAL INFORMATION:
; APPLICANT: Coull, James M.
; APPLICANT: Fiandaca, Mark J.
; APPLICANT: Kristjanson, Mark D.
; APPLICANT: Hyldig-Nielsen, Jens J.
; APPLICANT: Creasey, Theresa S.
; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To
; TITLE OF INVENTION: Combination Oligomers And Libraries For Their
; FILE REFERENCE: BP0102-US
; CURRENT APPLICATION NUMBER: US/10/096,125
```

; CURRENT FILING DATE: 2002-03-09
; PRIOR APPLICATION NUMBER: 60/274,547
; PRIOR FILING DATE: 2001-03-09
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Oligonucleotide Primer
US-10-096-125-1

Query Match 0.5%; Score 10.8; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 4.9e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1506 GCTGGAGCTGCTGG 1519
DB 3 GTTGGAGCTGGTGG 16
|||||

RESULT 656
US-09-866-108-8356
; Sequence 8356, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: FENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 8356
; LENGTH: 17

; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-8356

Query Match 0.5%; Score 10.8; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 4.9e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1714 CAAGCAGGAGCTAG 1727
DB 1 CAAGCAGGAGCTGG 14
|||||

RESULT 657
US-09-780-533A-1399
; Sequence 1399, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haerberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MBH00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1399
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-1399

Query Match 0.5%; Score 10.8; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 4.9e+02;
Matches 10; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 814 AAAAGCCTGGAGTG 827
DB 2 AGRAGACUGGAGUG 15
|||||

RESULT 658
US-09-780-533A-2630
; Sequence 2630, Application US/09780533A
; Publication No. US20030060611A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haerberli, Pete
; TITLE OF INVENTION: Method and Reagent for the Inhibition of NOGO Gene
; FILE REFERENCE: MBH00,878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2630
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-2630

Query Match 0.5%; Score 10.8; DB 1; Length 17;
Best Local Similarity 71.4%; Pred. No. 4.9e+02;
Matches 10; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy 814 AAAAGCCTGGAGTG 827
| | | | | : | | | | |
Db 1 AGAAGACUGGAGUG 14

RESULT 659

US-10-156-306-7112
; Sequence 7112, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: McSwigen, James
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 7112
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-7112

Query Match 0.5%; Score 10.8; DB 1; Length 17;
Best Local Similarity 64.3%; Pred. No. 4.9e+02;
Matches 9; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

Qy 253 GGCAATGGGCTCTC 266
| | | | | : | | | | |
Db 4 GGCCUGGGGCTCUC 17

RESULT 660

US-09-866-108-2033
; Sequence 2033, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 2033
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-2033

Query Match 0.5%; Score 10.8; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 4.9e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 495 CTCGAGGGAGTG 508
| | | | | : | | | | |
Db 1 CTCGAGGGAAGTG 14

RESULT 661

US-09-870-002-27/c
; Sequence 27, Application US/09870002
; Publication No. US20030013670A1
; GENERAL INFORMATION:
; APPLICANT: Monia, B.P., Cowser, L.M. and Manoharan, M.
; TITLE OF INVENTION: Antisense Oligonucleotide Inhibition of ras
; NUMBER OF SEQUENCES: 55
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM COMPATIBLE
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.1 for WINDOWS
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/870,002
; FILING DATE: 30-May-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/575,554
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISPH-0463
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (856) 810-1515
; TELEFAX: (856) 810-1454
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17
; TYPE: Nucleic Acid
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
; SEQUENCE DESCRIPTION: SEQ ID NO: 27:
US-09-870-002-27

Query Match 0.5%; Score 10.8; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 4.9e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 302 TGGAGCTGTGGTG 315
|||||
Db 17 TGGAGCTGTGGCG 4

RESULT 662
US-10-423-007-31
; Sequence 31, Application US/10423007
; Publication No. US20030180889A1
; GENERAL INFORMATION:
; APPLICANT: OHTOMO, TOSHIHIKO
; APPLICANT: TSUCHIYA, MASAYUKI
; APPLICANT: KOISHIHARA, YASUO
; APPLICANT: KOSAKA, MASAAKI
; TITLE OF INVENTION: GENOMIC GENE ENCODING HM 1.24 ANTIGEN PROTEIN AND
; FILE REFERENCE: PROMOTER THEREOF
; FILE REFERENCE: 053466/0285
; CURRENT APPLICATION NUMBER: US/10/423,007
; CURRENT FILING DATE: 2003-04-25
; PRIOR APPLICATION NUMBER: US/09/622,166A
; PRIOR FILING DATE: 2000-08-14
; PRIOR APPLICATION NUMBER: PCT/JP99/00884
; PRIOR FILING DATE: 1999-02-25
; PRIOR APPLICATION NUMBER: 10-60617
; PRIOR FILING DATE: 1998-02-25
; PRIOR APPLICATION NUMBER: 10-93883
; PRIOR FILING DATE: 1998-03-24
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 31
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-423-007-31

Query Match 0.5%; Score 10.8; DB 1; Length 18;
Best Local Similarity 85.7%; Pred. No. 5.6e+02;
Matches 12; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1136 CCTCAGCTCCACC 1149
|||||
Db 2 CCTCAAGCTCCTCT 15

RESULT 663
US-09-945-505-4/c
; Sequence 4, Application US/09945505
; Publication No. US20030165844A1
; GENERAL INFORMATION:
; APPLICANT: Anastasio, Alison E.
; APPLICANT: Chew, Anne
; APPLICANT: Denton, R. Rex
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Parks, Katie E.
; APPLICANT: Stephens, J. Claiborne
; TITLE OF INVENTION: Haplotypes of the TNFRSF1A Gene
; FILE REFERENCE: MWH-0030US
; CURRENT APPLICATION NUMBER: US/09/945,505
; CURRENT FILING DATE: 2001-08-31
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-945-505-4

Query Match 0.5%; Score 10.6; DB 1; Length 15;
Best Local Similarity 90.9%; Pred. No. 4.1e+02;
Matches 10; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1094 CCCCACCCCTG 1104
|||||
Db 12 CCCCMACCCCTG 2

RESULT 664
US-10-418-182-209
; Sequence 209, Application US/10418182
; Publication No. US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551-2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 209
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-418-182-209

Query Match 0.5%; Score 10.6; DB 1; Length 15;
Best Local Similarity 46.7%; Pred. No. 4.1e+02;
Matches 7; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY 1134 CACCTCCAGCTCCAC 1148
:|||||
Db 1 MACYWCSTWMCAC 15

RESULT 665
US-10-418-182-391
; Sequence 391, Application US/10418182
; Publication No. US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551-2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 391
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-418-182-391

Query Match 0.5%; Score 10.6; DB 1; Length 15;
Best Local Similarity 46.7%; Pred. No. 4.1e+02;
Matches 7; Conservative 7; Mismatches 1; Indels 0; Gaps 0;

QY 1134 CACCTCCAGCTCCAC 1148
:|||||
Db 1 MACYWCSTWMCAC 15

RESULT 666
US-09-866-108-2783
; Sequence 2783, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AECOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 2783
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-2783

Query Match 0.5%; Score 10.6; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 5.5e+02;
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1669 CCTTCCAAACCCACTTT 1685
Db 1 CCTTCAAGACCACTT 17

RESULT 667
US-09-825-805-680
Sequence 680, Application US/09825805
Publication No. US20030004122A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Beigelman, Leo
APPLICANT: Beaudry, Amber
APPLICANT: Karpeisky, Alex
APPLICANT: Adamic, Jasenka Matulic
APPLICANT: Sweedler, Dave
APPLICANT: Zinnen, Shawn
TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucleot
FILE REFERENCE: MBH00-831-F (400/009)
CURRENT APPLICATION NUMBER: US/09/825,805
CURRENT FILING DATE: 2001-09-27

PRIOR APPLICATION NUMBER: 09/578,223
PRIOR FILING DATE: 2000-05-23
PRIOR APPLICATION NUMBER: 09/476,387
PRIOR FILING DATE: 1999-12-30
PRIOR APPLICATION NUMBER: 09/474,432
PRIOR FILING DATE: 1999-12-29
PRIOR APPLICATION NUMBER: 09/301,511
PRIOR FILING DATE: 1999-04-28
PRIOR APPLICATION NUMBER: 09/186,675
PRIOR FILING DATE: 1998-11-04
PRIOR APPLICATION NUMBER: 60/083,727
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/064,866
PRIOR FILING DATE: 1997-11-05
NUMBER OF SEQ ID NOS: 1558
SOFTWARE: Patentin version 3.0
SEQ ID NO 680
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-825-805-680

Query Match 0.5%; Score 10.6; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 5.5e+02;
Matches 10; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 1352 TGCCCCCGTTGCGCTGG 1368
Db 1 UGCACACGGUGCCUGG 17

RESULT 668
US-10-163-552-379
Sequence 379, Application US/10163552
Publication No. US20030105051A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: McSwiggen, Jim
TITLE OF INVENTION: Nucleic acid treatment of diseases or conditions related to lev
TITLE OF INVENTION: HER2
FILE REFERENCE: MBH01-1653-A (400/014)
CURRENT APPLICATION NUMBER: US/10/163,552
CURRENT FILING DATE: 2002-06-06
NUMBER OF SEQ ID NOS: 1997
SOFTWARE: Patentin version 3.0
SEQ ID NO 379
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-10-163-552-379

Query Match 0.5%; Score 10.6; DB 1; Length 17;
Best Local Similarity 58.8%; Pred. No. 5.5e+02;
Matches 10; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 1352 TGCCCCCGTTGCGCTGG 1368
Db 1 UGCACACGGUGCCUGG 17

RESULT 669
US-10-060-998-312
Sequence 312, Application US/10060998
Publication No. US20030104530A1
GENERAL INFORMATION:
APPLICANT: Gu, Yizhong
TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
FILE REFERENCE: PB01108
CURRENT APPLICATION NUMBER: US/10/060,998
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761

; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 312
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-998-312

Query Match
Best Local Similarity 0.5%; Score 10.6; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2063 ATAGCAAGCTGAACCTGT 2079
Db 1 ATTGAAGTGGAACTGT 17

RESULT 670

US-10-060-998-313
; Sequence 313, Application US/10060998
; Publication No. US20030104530A1

GENERAL INFORMATION:

; APPLICANT: GU, Yizhong
; TITLE OF INVENTION: HUMAN SODIUM-HYDROGEN EXCHANGER LIKE PROTEIN 1
; FILE REFERENCE: PB01108
; CURRENT APPLICATION NUMBER: US/10/060,998
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/343,331
; PRIOR FILING DATE: 2001-12-21
; NUMBER OF SEQ ID NOS: 3056
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 313
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-998-313

Query Match
Best Local Similarity 0.5%; Score 10.6; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2064 TAGCAAGCTGAACCTGTC 2080
Db 1 TTGAAGTGGAACTGTC 17

RESULT 671

US-09-818-875-3630/c
; Sequence 3630, Application US/09818875
; Publication No. US20030051270A1

GENERAL INFORMATION:

; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gampier, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989

; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 3630
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-3630

Query Match
Best Local Similarity 0.5%; Score 10.6; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2109 GGGCCTTCAGCTGGAGC 2125
Db 17 GGGGATGCAGGTGGAGC 1

RESULT 672

US-09-818-875-3631
; Sequence 3631, Application US/09818875
; Publication No. US20030051270A1

GENERAL INFORMATION:

; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gampier, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; CURRENT FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 3631
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-3631

Query Match
Best Local Similarity 0.5%; Score 10.6; DB 1; Length 17;
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2109 GGGCCTTCAGCTGGAGC 2125
Db 1 GGGGATGCAGGTGGAGC 17

RESULT 673

US-10-061-201-1958
; Sequence 1958, Application US/10061201
; Publication No. US20030166229A1

GENERAL INFORMATION:

; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669

```
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecmica Sequence Listing Engine
; SEQ ID NO 1958
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1958
```

```
Query Match          0.5%; Score 10.6; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 5.5e+02;
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 1339 GTGTGGAGAACGTGCC 1355
      |||||
Db 1 GTGTGGAGATGGGTC 17
```

RESULT 674

```
US-10-787-3630/c
; Sequence 3630, Application US/10209787
; Publication No. US20030217377A1
```

```
; GENERAL INFORMATION:
```

```
; APPLICANT: Kmiec, Eric B.
```

```
; APPLICANT: Gampier, Howard B.
```

```
; APPLICANT: Rice, Michael C.
```

```
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
```

```
; FILE REFERENCE: Napro-4
```

```
; CURRENT APPLICATION NUMBER: US/10/209,787
```

```
; CURRENT FILING DATE: 2002-07-30
```

```
; PRIOR APPLICATION NUMBER: US 09/818,875
```

```
; PRIOR FILING DATE: 2001-03-27
```

```
; PRIOR APPLICATION NUMBER: US 60/192,176
```

```
; PRIOR FILING DATE: 2000-03-27
```

```
; PRIOR APPLICATION NUMBER: US 60/192,179
```

```
; PRIOR FILING DATE: 2000-03-27
```

```
; PRIOR APPLICATION NUMBER: US 60/208,538
```

```
; PRIOR FILING DATE: 2000-06-01
```

```
; PRIOR APPLICATION NUMBER: US 60/244,989
```

```
; PRIOR FILING DATE: 2000-10-30
```

```
; NUMBER OF SEQ ID NOS: 4385
```

```
; SOFTWARE: Friedman macro Napro4
```

```
; SEQ ID NO 3630
```

```
; LENGTH: 17
```

```
; TYPE: DNA
```

```
; ORGANISM: Homo sapiens
```

```
US-10-209-787-3630
```

```
Query Match          0.5%; Score 10.6; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 5.5e+02;
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 2109 GGGCCTTCAGCTGGAGC 2125
      |||||
Db 17 GGGATCGAGTGGAGC 1
```

RESULT 675

```
US-10-209-787-3631
```

```
; Sequence 3631, Application US/10209787
```

```
; Publication No. US20030217377A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Kmiec, Eric B.
```

```
; APPLICANT: Gampier, Howard B.
```

```
; APPLICANT: Rice, Michael C.
```

```
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
```

```
; FILE REFERENCE: Napro-4
```

```
; CURRENT APPLICATION NUMBER: US/10/209,787
```

```
; CURRENT FILING DATE: 2002-07-30
```

```
; PRIOR APPLICATION NUMBER: US 09/818,875
```

```
; PRIOR FILING DATE: 2001-03-27
```

```
; PRIOR APPLICATION NUMBER: US 60/192,176
```

```
; PRIOR FILING DATE: 2000-03-27
```

```
; PRIOR APPLICATION NUMBER: US 60/192,179
```

```
; PRIOR FILING DATE: 2000-03-27
```

```
; PRIOR APPLICATION NUMBER: US 60/208,538
```

```
; PRIOR FILING DATE: 2000-06-01
```

```
; PRIOR APPLICATION NUMBER: US 60/244,989
```

```
; PRIOR FILING DATE: 2000-10-30
```

```
; NUMBER OF SEQ ID NOS: 4385
```

```
; SOFTWARE: Friedman macro Napro4
```

```
; SEQ ID NO 3631
```

```
; LENGTH: 17
```

```
; TYPE: DNA
```

```
; ORGANISM: Homo sapiens
```

```
US-10-209-787-3631
```

```
Query Match          0.5%; Score 10.6; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 5.5e+02;
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 2109 GGGCCTTCAGCTGGAGC 2125
      |||||
Db 1 GGGATCGAGTGGAGC 17
```

RESULT 676

```
US-10-261-185-3630/c
```

```
; Sequence 3630, Application US/10261185
```

```
; Publication No. US20040014057A1
```

```
; GENERAL INFORMATION:
```

```
; APPLICANT: Kmiec, Eric B.
```

```
; APPLICANT: Gampier, Howard B.
```

```
; APPLICANT: Rice, Michael C.
```

```
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
```

```
; FILE REFERENCE: Napro-4CON
```

```
; CURRENT APPLICATION NUMBER: US/10/261,185
```

```
; CURRENT FILING DATE: 2002-09-27
```

```
; PRIOR APPLICATION NUMBER: PCT/US01/09761
```

```
; PRIOR FILING DATE: 2001-03-27
```

```
; PRIOR APPLICATION NUMBER: US 60/192,176
```

```
; PRIOR FILING DATE: 2000-03-27
```

```
; PRIOR APPLICATION NUMBER: US 60/192,179
```

```
; PRIOR FILING DATE: 2000-03-27
```

```
; PRIOR APPLICATION NUMBER: US 60/208,538
```

```
; PRIOR FILING DATE: 2000-06-01
```

```
; PRIOR APPLICATION NUMBER: US 60/244,989
```

```
; PRIOR FILING DATE: 2000-10-30
```

```
; NUMBER OF SEQ ID NOS: 4385
```

```
; SOFTWARE: Friedman macro Napro4
```

```
; SEQ ID NO 3630
```

```
; LENGTH: 17
```

```
; TYPE: DNA
```

```
; ORGANISM: Homo sapiens
```

```
US-10-261-185-3630
```

```
Query Match          0.5%; Score 10.6; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 5.5e+02;
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 2109 GGGCCTTCAGCTGGAGC 2125
```

Db 17 GGGGATGCAGGTGGAGC 1
||| ||| ||| ||| |||

RESULT 677
US-10-261-185-3631
; Sequence 3631, Application US/10261185
; Publication No. US20040014057A1
; GENERAL INFORMATION:
; APPLICANT: Kniec, Eric B.
; APPLICANT: Camper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; TITLE OF INVENTION: Stranded Oligonucleotides
; FILE REFERENCE: NaPro-4CON
; CURRENT APPLICATION NUMBER: US/10/261,185
; CURRENT FILING DATE: 2002-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/09761
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 3631
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-261-185-3631

Query Match 0.5%; Score 10.6; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 5.5e+02;
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2109 GGGCTTCAGCTGGAGC 2125
||| ||| ||| ||| |||

Db 1 GGGGATGCAGGTGGAGC 17

RESULT 678
US-09-864-785-661
; Sequence 661, Application US/09864785
; Patent No. US20020177568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwiggen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; TITLE OF INVENTION: Levels of NF-kappa B
; FILE REFERENCE: 400/022 (MEH800-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 661
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-661

Query Match 0.5%; Score 10.6; DB 1; Length 17;
Best Local Similarity 64.7%; Pred. No. 5.5e+02;
Matches 11; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY 187 GCCCCAGCAGTGGCGCT 203

Db 1 GCAACGACGAGCGGCU 17
||| ||| ||| ||| |||

RESULT 679
US-09-902-214-37/c
; Sequence 37, Application US/09902214
; Publication No. US20030104521A1
; GENERAL INFORMATION:
; APPLICANT: Whittaker, Paul Andrew
; TITLE OF INVENTION: Disease-Associated Gene
; FILE REFERENCE: 4-31503A/RO31
; CURRENT APPLICATION NUMBER: US/09/902,214
; CURRENT FILING DATE: 2001-07-10
; NUMBER OF SEQ ID NOS: 84
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 37
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-902-214-37

Query Match 0.5%; Score 10.6; DB 1; Length 17;
Best Local Similarity 76.5%; Pred. No. 5.5e+02;
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 68 AAAGCAGAGAGGAGGG 84
||| ||| ||| ||| |||

Db 17 AAACGGAGCGGAGGG 1

RESULT 680
US-10-453-792-135
; Sequence 135, Application US/10453792
; Publication No. US20040029110A1
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; APPLICANT: ROSSAU, RUDI
; APPLICANT: MAERTENS, GEERT
; TITLE OF INVENTION: METHOD FOR TYPING AND DETECTING HBV
; NUMBER OF SEQUENCES: 313
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHYE P.C.
; STREET: 1100 NORTH GLEBE ROAD
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: U.S.A.
; ZIP: 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/453,792
; FILING DATE: 04-Jun-2003
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/155,885A
; FILING DATE: 08-Oct-1998
; APPLICATION NUMBER: PCT/EP97/02002
; FILING DATE: 21-APR-1997
; APPLICATION NUMBER: EP 96870053.4
; FILING DATE: 19-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: SADOFF, B.J.
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 2551-5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 816-4000
; TELEFAX: (703) 816-4100
; INFORMATION FOR SEQ ID NO: 135:
; SEQUENCE CHARACTERISTICS:

; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 135:
US-10-453-792-135

Query Match 0.5%; Score 10.6; DB 1; Length 20;
Best Local Similarity 68.4%; Pred. No. 7.1e+02;
Matches 13; Conservative 1; Mismatches 5; Indels 0; Gaps 0;

QY 566 AATGCCGAAGGAATGGG 584
| : | | | | | | | | | |
DB 2 ARAGACAAAAGAAATGG 20

RESULT 691

US-10-464-609-12/c
; Sequence 12, Application US/10464609
; Publication No. US20040029230A1
; GENERAL INFORMATION:
; APPLICANT: KYNDT, John, Jozef Armand
; APPLICANT: VAN BEEUMEN, Jozef
; TITLE OF INVENTION: No. US20040029230A1 Methods For Synthesis of
; TITLE OF INVENTION: Holo-Photoactive Yellow Protein
; FILE REFERENCE: 50304/008001
; CURRENT APPLICATION NUMBER: US/10/464,609
; PRIOR APPLICATION NUMBER: 2003-06-18
; PRIOR APPLICATION NUMBER: US 60/389,593
; FILING DATE: 2002-06-18
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-464-609-12

Query Match 0.5%; Score 10.6; DB 1; Length 23;
Best Local Similarity 76.5%; Pred. No. 7.9e+02;
Matches 13; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 484 CAGGATAGGACTGAG 500
| | | | | | | | | | | | | | | |
DB 23 CGGATGGGACTGAAG 7

RESULT 682

US-09-365-029-37/c
; Sequence 37, Application US/09365029
; Patent No. US20010021772A1
; GENERAL INFORMATION:
; APPLICANT: UHLMANN, Eugen
; APPLICANT: PEYMAN, Anuschirwan
; APPLICANT: BITONTI, Alan J.
; APPLICANT: WOESSNER, Richard D.
; TITLE OF INVENTION: SHORT OLIGONUCLEOTIDES FOR THE INHIBITION OF VEGF
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 26083/208
; CURRENT APPLICATION NUMBER: US/09/365,029
; CURRENT FILING DATE: 1999-08-02
; EARLIER APPLICATION NUMBER: EP 98114853.9
; EARLIER FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 94
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 37
; LENGTH: 12
; TYPE: DNA

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: VEGF antisense
; OTHER INFORMATION: oligonucleotide
US-09-365-029-37

Query Match 0.5%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 2.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1084 CCAGGCTTCACC 1095
| | | | | | | | | | | |
DB 12 CCAGGCTGCACC 1

RESULT 683

US-09-365-029-59
; Sequence 59, Application US/09365029
; Patent No. US20010021772A1
; GENERAL INFORMATION:
; APPLICANT: UHLMANN, Eugen
; APPLICANT: PEYMAN, Anuschirwan
; APPLICANT: BITONTI, Alan J.
; APPLICANT: WOESSNER, Richard D.
; TITLE OF INVENTION: SHORT OLIGONUCLEOTIDES FOR THE INHIBITION OF VEGF
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 26083/208
; CURRENT APPLICATION NUMBER: US/09/365,029
; CURRENT FILING DATE: 1999-08-02
; EARLIER APPLICATION NUMBER: EP 98114853.9
; EARLIER FILING DATE: 1998-08-07
; NUMBER OF SEQ ID NOS: 94
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 59
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: VEGF antisense
; OTHER INFORMATION: oligonucleotide
US-09-365-029-59

Query Match 0.5%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 2.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1078 CCCACTCCAGGC 1089
| | | | | | | | | | | |
DB 1 CACACTCCAGGC 12

RESULT 684

US-09-835-371-32/c
; Sequence 32, Application US/09835371
; Publication No. US20020187473A1
; GENERAL INFORMATION:
; APPLICANT: UHLMANN, Eugen
; APPLICANT: BREIPOHL, Gerhard
; APPLICANT: WILL, David W
; TITLE OF INVENTION: POLYAMIDE NUCLEIC ACID DERIVATIVES, AND AGENTS AND
; TITLE OF INVENTION: PROCESSES FOR PREPARING THEM
; FILE REFERENCE: 02481.1743 SEQUENCE LISTING
; CURRENT APPLICATION NUMBER: US/09/835,371
; CURRENT FILING DATE: 2001-04-17
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 32
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: base sequence
; OTHER INFORMATION: of PNA targeting CMV

US-09-835-371-32

Query Match 0.5%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 2.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1084 CCAGGCTTCACC 1095
Db 12 CCAGGCTGCACC 1

RESULT 685

US-09-765-061B-36/c
; Sequence 36, Application US/09765061B
; Publication No. US20030022165A1
; GENERAL INFORMATION:
; APPLICANT: Board of Regents of the University of Texas System
; TITLE OF INVENTION: Mutations in a No. US20030022165A1el Photoreceptor-pineal gene 17
; FILE REFERENCE: 96606/16UTL
; CURRENT APPLICATION NUMBER: US/09/765,061B
; CURRENT FILING DATE: 2001-01-17
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 36
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: mutation
; LOCATION: (4)..(6)
; OTHER INFORMATION: Amino Acid mutation: Ser 78 Ser Benign
US-09-765-061B-36

Query Match 0.5%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 2.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1185 CCGCAGAGAGGT 1196
Db 12 CCGCATAGAGGT 1

RESULT 686

US-09-835-370-32/c
; Sequence 32, Application US/09835370
; Publication No. US20030022172A1
; GENERAL INFORMATION:
; APPLICANT: UHLMANN, EUGEN
; APPLICANT: BREIPOHL, GERHARD
; APPLICANT: WILL, DAVID W
; TITLE OF INVENTION: POLYAMIDE NUCLEIC ACID DERIVATIVES AND AGENTS AND
; FILE REFERENCE: 02481.1742 SEQUENCE LISTING
; CURRENT APPLICATION NUMBER: US/09/835,370
; CURRENT FILING DATE: 2001-04-17
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 32
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: nucleotide
; OTHER INFORMATION: base sequence of PNA derivatives that bind to
; OTHER INFORMATION: viral and cellular targets
US-09-835-370-32

Query Match 0.5%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 2.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1084 CCAGGCTTCACC 1095

Db 12 CCAGGCTGCACC 1

RESULT 687

US-10-117-108A-18/c
; Sequence 18, Application US/10117108A
; Publication No. US20030082571A1
; GENERAL INFORMATION:
; APPLICANT: KACHAB, Edward H.
; APPLICANT: BARNETT, Graeme R.
; TITLE OF INVENTION: LINEAR NUCLEIC ACID AND SEQUENCE THEREFOR
; FILE REFERENCE: 37955-0004
; CURRENT APPLICATION NUMBER: US/10/117,108A
; CURRENT FILING DATE: 2002-04-08
; PRIOR APPLICATION NUMBER: US 60/282,491
; PRIOR FILING DATE: 2001-04-10
; NUMBER OF SEQ ID NOS: 80
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 18
; LENGTH: 12
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (1)..(6)
; OTHER INFORMATION: The monomer aaagcg may be repeated from 2-20 times
US-10-117-108A-18

Query Match 0.5%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 2.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 917 GTCCTTGCCCTTT 928
Db 12 GCCTTGCCTTT 1

RESULT 688

US-10-232-927A-5/c
; Sequence 5, Application US/10232927A
; Publication No. US20030190638A1
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; Calvin B. Harley
; Scott L. Weinrich
; Catherine M. Strahl
; Michael J. Mceachern
; Jerry Shay
; Woodring E. Wright
; Elizabeth H. Blackburn
; Nam Woo Kim
; Homayoun Vaziri
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
; CONDITIONS RELATED TO
; TELOMERE LENGTH AND/OR
; TELOMERASE ACTIVITY
; NUMBER OF SEQUENCES: 80
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0

```

SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
  APPLICATION NUMBER: US/10/232,927A
  FILING DATE: 29-Aug-2002
  CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
  APPLICATION NUMBER: US/09/378,535
  FILING DATE: 20-Aug-1999
  APPLICATION NUMBER: 08/819,867
  FILING DATE: <Unknown>
  ATTORNEY/AGENT INFORMATION:
    NAME: Chambers, Daniel M.
    REGISTRATION NUMBER: 34,561
    REFERENCE/DOCKET NUMBER: 224/232
  TELECOMMUNICATION INFORMATION:
    TELEPHONE: (213) 489-1600
    TELEX: 67-3510
    TELEFAX: (213) 955-0440
  INFORMATION FOR SEQ ID NO: 5:
    SEQUENCE CHARACTERISTICS:
      LENGTH: 12 base pairs
      TYPE: nucleic acid
      STRANDEDNESS: single
      TOPOLOGY: linear
    SEQUENCE DESCRIPTION: SEQ ID NO: 5:
US-10-232-927A-5
Query Match          0.5%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 2.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1058 CCCCAAAACCCAA 1069
Db 12 CCCCAACCCCAA 1

RESULT 689
US-10-232-927A-33/c
; Sequence 33, Application US/10232927A
; Publication No. US20030190638A1
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; Calvin B. Harley
; Scott L. Weinrich
; Catherine M. Strahl
; Michael J. McEachern
; Jerry Shay
; Woodring E. Wright
; Elizabeth H. Blackburn
; Nam Woo Kim
; Homayoun Vaziri
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
; CONDITIONS RELATED TO
; TELOMERE LENGTH AND/OR
; TELOMERASE ACTIVITY
; NUMBER OF SEQUENCES: 80
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/232,927A
; FILING DATE: 29-Aug-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/378,535
; FILING DATE: 20-Aug-1999
;

QY 1058 CCCCAAAACCCAA 1069
Db 12 CCCCAACCCCAA 1

RESULT 690
US-10-232-927A-35/c
; Sequence 35, Application US/10232927A
; Publication No. US20030190638A1
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; Calvin B. Harley
; Scott L. Weinrich
; Catherine M. Strahl
; Michael J. McEachern
; Jerry Shay
; Woodring E. Wright
; Elizabeth H. Blackburn
; Nam Woo Kim
; Homayoun Vaziri
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
; CONDITIONS RELATED TO
; TELOMERE LENGTH AND/OR
; TELOMERASE ACTIVITY
; NUMBER OF SEQUENCES: 80
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/232,927A
; FILING DATE: 29-Aug-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/378,535
; FILING DATE: 20-Aug-1999
;

```

```
; APPLICATION NUMBER: 08/819,867
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Chambers, Daniel M.
; REGISTRATION NUMBER: 34,561
; REFERENCE/DOCKET NUMBER: 224/232
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 12 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 35:
US-10-232-927A-35

Query Match          0.5%; Score 10.4; DB 1; Length 12;
Best Local Similarity 91.7%; Pred. No. 2.6e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1058 CCCCAACCCAA 1069
Db 12 CCCCAACCCAA 1

RESULT 691
US-08-726-093-8/c
; Sequence 8, Application US/08726093
; Publication No. US20020012902A1
; GENERAL INFORMATION:
; APPLICANT: FUCHS, Martin
; APPLICANT: EGHOLM, Michael
; APPLICANT: O'KEEFE, Heather
; APPLICANT: YOA, Xian-Wei
; TITLE OF INVENTION: METHODS AND KITS FOR HYBRIDIZATION
; NUMBER OF SEQUENCES: 10
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Patent Administrator, Testa Hurwitz &
; STREET: 125 High Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02110
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/726,093
; FILING DATE:
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: TURANO, THOMAS A.
; REGISTRATION NUMBER: 35,722
; REFERENCE/DOCKET NUMBER: SYP-116
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 248-7000
; TELEFAX: (617) 248-7100
; INFORMATION FOR SEQ ID NO: 8:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 13 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; DESCRIPTION: /desc = "fluorescein labeled peptide
; DESCRIPTION: nucleic acid"
```

US-08-726-093-8

```
Query Match          0.5%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 3.2e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 911 TCTTTGGTCTTT 922
Db 12 TCTTTGGTCTTT 1
```

RESULT 692

```
US-09-365-029-74/c
; Sequence 74, Application US/09365029
; Patent No. US20010021772A1
; GENERAL INFORMATION:
; APPLICANT: UHLMANN, Eugen
; APPLICANT: PEYMAN, Anuschirwan
; APPLICANT: BITONTI, Alan J.
; APPLICANT: WOESSNER, Richard D.
; TITLE OF INVENTION: SHORT OLIGONUCLEOTIDES FOR THE INHIBITION OF VEGF
; FILE REFERENCE: 26083/208
; CURRENT APPLICATION NUMBER: US/09/365,029
; CURRENT FILING DATE: 1999-08-02
; EARLIER APPLICATION NUMBER: EP 98114853.9
; EARLIER FILING DATE: 1998-08-07
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 74
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: VEGF antisense
; OTHER INFORMATION: oligonucleotide
US-09-365-029-74
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Query Match          0.5%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 3.2e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 1084 CCAGGCTCACC 1095
Db 12 CCAGGCTCACC 1
```

RESULT 693

```
US-C9-825-805-136/c
; Sequence 136, Application US/09825805
; Publication No. US20030004122A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Beigelman, Leo
; APPLICANT: Beaudry, Amber
; APPLICANT: Karpeisky, Alex
; APPLICANT: Adamic, Jasenka Matulic
; APPLICANT: Sweedler, Dave
; APPLICANT: Zinnen, Shawn
; TITLE OF INVENTION: Nucleotide Triphosphate and their Incorporation into Oligonucle
; FILE REFERENCE: MEH00-831-F (400/009)
; CURRENT APPLICATION NUMBER: US/09/825,805
; CURRENT FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: 09/578,223
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 09/476,387
; PRIOR FILING DATE: 1999-12-30
; PRIOR APPLICATION NUMBER: 09/474,432
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 09/301,511
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 09/186,675
; PRIOR FILING DATE: 1998-11-04
```


; PRIOR APPLICATION NUMBER: 60/083,727
 ; PRIOR FILING DATE: 1998-04-29
 ; PRIOR APPLICATION NUMBER: 60/064,866
 ; PRIOR FILING DATE: 1997-11-05
 ; NUMBER OF SEQ ID NOS: 1558
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 136
 ; LENGTH: 13
 ; TYPE: RNA
 ; ORGANISM: Homo sapiens
 US-09-825-805-136

Query Match 0.5%; Score 10.4; DB 1; Length 13;
 Best Local Similarity 91.7%; Pred. No. 3.2e+02;
 Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1053 CCTGGCCCAAA 1064
 |||||
 Db 12 CCTGGCCCGAA 1

RESULT 694

US-09-888-326-450/c
 ; Sequence 450, Application US/09888326
 ; Publication No. US20030026801A1
 ; GENERAL INFORMATION:

; APPLICANT: Weiner, George
 ; APPLICANT: Hartmann, Gunther
 ; TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
 ; TITLE OF INVENTION: Cell Lysis and Treating Cancer
 ; FILE REFERENCE: C1039/7052 (AWS)
 ; CURRENT APPLICATION NUMBER: US/09/888,326
 ; CURRENT FILING DATE: 2001-06-22
 ; PRIOR APPLICATION NUMBER: US 60/213,346
 ; PRIOR FILING DATE: 2000-06-22
 ; NUMBER OF SEQ ID NOS: 848
 ; SOFTWARE: FastSeq for Windows Version 3.0
 ; SEQ ID NO 450
 ; LENGTH: 13
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; NAME/KEY: misc_feature
 ; LOCATION: (0)...(0)
 ; OTHER INFORMATION: phosphorothioate backbone
 US-09-888-326-450

Query Match 0.5%; Score 10.4; DB 1; Length 13;
 Best Local Similarity 91.7%; Pred. No. 3.2e+02;
 Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1255 ATCCCCCAACCC 1266
 |||||
 Db 12 ACCCCCCAACCC 1

RESULT 695

US-09-971-372A-12
 ; Sequence 12, Application US/09971372A
 ; Publication No. US20030035814A1
 ; GENERAL INFORMATION:

; APPLICANT: Kawaoka, Yoshihiro
 ; APPLICANT: Neumann, Gabriele
 ; TITLE OF INVENTION: Recombinant influenza viruses for vaccines and gene
 ; TITLE OF INVENTION: therapy
 ; FILE REFERENCE: 960296.98130
 ; CURRENT APPLICATION NUMBER: US/09/971,372A
 ; CURRENT FILING DATE: 2001-10-04
 ; PRIOR APPLICATION NUMBER: PCT/US00/09021
 ; PRIOR FILING DATE: 2000-04-05
 ; PRIOR APPLICATION NUMBER: 60/127,912
 ; PRIOR FILING DATE: 1999-04-06

; NUMBER OF SEQ ID NOS: 30
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 12
 ; LENGTH: 13
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: end of ligation
 ; OTHER INFORMATION: reaction product
 US-09-971-372A-12

Query Match 0.5%; Score 10.4; DB 1; Length 13;
 Best Local Similarity 91.7%; Pred. No. 3.2e+02;
 Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1016 AAAAAGAGGGGG 1027
 |||||
 Db 1 AAAACGAGGGGG 12

RESULT 696

US-09-997-672-32
 ; Sequence 32, Application US/09997672
 ; Publication No. US20030061632A1
 ; GENERAL INFORMATION:

; APPLICANT: Meterings, Koen
 ; APPLICANT: Apuya, Nestor R.
 ; APPLICANT: Tatrinova, Tatiana
 ; APPLICANT: Goldberg, Robert B.
 ; APPLICANT: The Regents of the University of California
 ; APPLICANT: Ceres, Inc.
 ; TITLE OF INVENTION: Polynucleotides Useful for Modulating Transcription
 ; FILE REFERENCE: 023070-115810US
 ; CURRENT APPLICATION NUMBER: US/09/997,672
 ; CURRENT FILING DATE: 2001-11-28
 ; PRIOR APPLICATION NUMBER: US 60/253,672
 ; PRIOR FILING DATE: 2000-11-28
 ; NUMBER OF SEQ ID NOS: 42
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 32
 ; LENGTH: 13
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Description of Artificial Sequence: H-AP49 forward
 ; OTHER INFORMATION: primer
 US-09-997-672-32

Query Match 0.5%; Score 10.4; DB 1; Length 13;
 Best Local Similarity 91.7%; Pred. No. 3.2e+02;
 Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1068 AAGCTTCAGTCC 1079
 |||||
 Db 1 AAGCTTTAGTCC 12

RESULT 697

US-09-877-478-6129
 ; Sequence 6129, Application US/09877478
 ; Publication No. US20030068301A1
 ; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.
 ; APPLICANT: Draper, Kenneth
 ; APPLICANT: Blatt, Larry
 ; APPLICANT: McSwiggen, Jim
 ; APPLICANT: Morrissey, Dave
 ; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
 ; FILE REFERENCE: MBH00-845-H (400/029)
 ; CURRENT APPLICATION NUMBER: US/09/877,478
 ; CURRENT FILING DATE: 2001-12-31
 ; PRIOR APPLICATION NUMBER: US 07/882,712
 ; PRIOR FILING DATE: 1992-05-14

;
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6129
; LENGTH: 13
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-6129

Query Match 0.5%; Score 10.4; DB 1; Length 13;
Best Local Similarity 66.7%; Pred. No. 3.2e+02;
Matches 8; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 746 CCGTGTGCACCT 757
|||:||||:
Db 1 CCGUGGCACUU 12

RESULT 698
US-09-776-479-796/c
; Sequence 796, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fourton, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 796
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-796

Query Match 0.5%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 3.2e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1255 ATCCCCAACCCC 1266
|||||
Db 12 ACCCCCAACCCC 1

RESULT 699
US-10-362-711-18
; Sequence 18, Application US/10362711
; Publication No. US20040029141A1
; GENERAL INFORMATION:
; APPLICANT: Brodin, Peter
; APPLICANT: Thelin, Anders Lars
; TITLE OF INVENTION: HUMAN AND MOUSE E2-PROTEIN, NUCLEIC

;
; TITLE OF INVENTION: ACIDS CODING THEREFOR AND USES THEREOF
; FILE REFERENCE: 06275-340US1
; CURRENT APPLICATION NUMBER: US/10/362,711
; CURRENT FILING DATE: 2003-02-21
; PRIOR APPLICATION NUMBER: PCT/GB01/03807
; PRIOR FILING DATE: 2001-08-23
; PRIOR APPLICATION NUMBER: US 60/228,118
; PRIOR FILING DATE: 2000-08-28
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 18
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: H-AP-9 primer
US-10-362-711-18

Query Match 0.5%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 3.2e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1068 AAGCTTCAGTCC 1079
|||||
Db 1 AAGCTTCAGTCC 12

RESULT 700
US-10-112-653-769/c
; Sequence 769, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; FILE REFERENCE: C01039/70060(AWS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 769
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-769

Query Match 0.5%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 3.2e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1255 ATCCCCAACCCC 1266
|||||
Db 12 ACCCCCAACCCC 1

RESULT 701
US-10-017-995-796/c
; Sequence 796, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093

; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 796
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-796

Query Match 0.5%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 3.2e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1255 ATCCCAACCC 1266
DB 12 ACCCAACCC 1

RESULT 702

US-10-084-839-3050/c
; Sequence 3050, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:

; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eis, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Ip, Hon S.
; APPLICANT: Ji, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiatkowski, Jr., Robert W.
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lyamichev, Victor
; APPLICANT: Lymaicheva, Natalie E.
; APPLICANT: Ma, Wufo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Ietaska Y.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vedvik, Kevin L.
; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: FORS-06666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3050
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic

US-10-084-839-3050

Query Match 0.5%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 3.2e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1282 GACAGCGCCAC 1293
DB 12 GACAGCGCCAC 1

RESULT 703

US-10-091-281-443/c
; Sequence 443, Application US/10091281

; Publication No. US20030190617A1
; GENERAL INFORMATION:

; APPLICANT: RAYMOND, VINCENT
; APPLICANT: SI, ERWIN
; APPLICANT: MORISSETTE, JEAN
; TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
; FILE REFERENCE: 13587.338
; CURRENT APPLICATION NUMBER: US/10/091,281
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 463
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 443
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Putative EGRE/WT1.01 motif

US-10-091-281-443

Query Match 0.5%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 3.2e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1091 TCACCCCAACCC 1102
DB 12 TCCCAACCC 1

RESULT 704

US-10-362-262-12
; Sequence 12, Application US/10362262
; Publication No. US20040014636A1
; GENERAL INFORMATION:

; APPLICANT: Brodin et al.
; TITLE OF INVENTION: PHARMACEUTICAL COMPOSITIONS COMPRISING A MODULATOR OF ADAMTS-1
; FILE REFERENCE: ASZD-P01-138
; CURRENT APPLICATION NUMBER: US/10/362,262
; CURRENT FILING DATE: 2003-02-21
; PRIOR APPLICATION NUMBER: PCT/GB01/03650
; PRIOR FILING DATE: 2001-08-16
; PRIOR APPLICATION NUMBER: SE 0002973-6
; PRIOR FILING DATE: 2000-08-22
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 12
; LENGTH: 13
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:PCR primer

US-10-362-262-12

Query Match 0.5%; Score 10.4; DB 1; Length 13;
Best Local Similarity 91.7%; Pred. No. 3.2e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1068 AAGCTTCAGTCC 1079
DB 1 AAGCTTCAGTCC 12

RESULT 705

US-10-356-625-20/c
; Sequence 20, Application US/10356625
; Publication No. US20030186290A1
; GENERAL INFORMATION:

; APPLICANT: Tournier-Lasserre, Elisabeth
; APPLICANT: Joutel, Anne
; APPLICANT: Bousser, Marie-Germaine
; APPLICANT: Bach, Jean-Francois
; TITLE OF INVENTION: GENE INVOLVED IN CADASIL, METHOD OF DIAGNOSIS AND
; TITLE OF INVENTION: THERAPEUTIC APPLICATION
; FILE REFERENCE: 03715.0048-00000

US-10-091-281-443/c

```

; CURRENT APPLICATION NUMBER: US/10/356,625
; CURRENT FILING DATE: 2003-02-03
; PRIOR APPLICATION NUMBER: US/09/230,652
; PRIOR FILING DATE: 1999-05-17
; PRIOR APPLICATION NUMBER: FR 96 09733
; PRIOR FILING DATE: 1996-08-01
; PRIOR APPLICATION NUMBER: FR 97 04680
; PRIOR FILING DATE: 1997-04-16
; PRIOR APPLICATION NUMBER: PCT/FR97/01433
; PRIOR FILING DATE: 1997-07-31
; NUMBER OF SEQ ID NOS: 163
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 20
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-10-356-625-20

```

```

Query Match          0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      816 AAGCCTGGAGTG 827
Db      |||||
      12 AAGCCTGGGGTG 1

```

```

RESULT 706
US-09-504-231A-1309
; Sequence 1309: Application US/09504231A
; Patent No. US20020013458A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATE
; FILE REFERENCE: IPI 247/282
; CURRENT APPLICATION NUMBER: US/09/504,231A
; PRIOR FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 09/274,553
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3242
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1309
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-1309

```

```

Query Match          0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 83.3%; Pred. No. 3.9e+02;
Matches 10; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      1177 GCGGCTCCCGC 1188
Db      |||||
      3 GCGGCUCCCGC 14

```

```

RESULT 707
US-09-504-231A-1460

```

```

; Sequence 1460, Application US/09504231A
; Patent No. US20020013458A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS REL
; FILE REFERENCE: IPI 247/282
; CURRENT APPLICATION NUMBER: US/09/504,231A
; CURRENT FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 09/274,553
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3242
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1460
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-504-231A-1460

```

```

Query Match          0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 75.0%; Pred. No. 3.9e+02;
Matches 9; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      1216 GGTGACCCCATC 1227
Db      ||:|||||
      3 GCUGACCUCAUC 14

```

```

RESULT 708
US-09-274-553D-1309
; Sequence 1309: Application US/09274553D
; Patent No. US20020082225A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELA
; FILE REFERENCE: IPI 247/282
; CURRENT APPLICATION NUMBER: US/09/274,553D
; CURRENT FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3148
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1309
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-1309

```

```

Query Match          0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 83.3%; Pred. No. 3.9e+02;

```

Matches 10; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 1177 GCGGCTCCCGC 1188
|||||:|||||
Db 3 GCGGCUCCCGC 14

RESULT 709

US-09-274-553D-1460
; Sequence 1460, Application US/09274553D
; Patent No. US20020082225A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwiggen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMATIC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELATED
; FILE REFERENCE: fpi 247/282
; CURRENT APPLICATION NUMBER: US/09/274,553D
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/083,217
; PRIOR FILING DATE: 1998-04-27
; NUMBER OF SEQ ID NOS: 3148
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1460
; LENGTH: 14
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-1460

Query Match 0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 75.0%; Pred. No. 3.9e+02;

Matches 9; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 1216 GCTGACCCATC 1227
|||:|||||:
Db 3 GCUGACCUCAUC 14

RESULT 710

US-09-978-600-200
; Sequence 200, Application US/09978600
; Publication No. US20030087858A1
; GENERAL INFORMATION:
; APPLICANT: HERRNSTADT, CORINNA
; PARKER, WILLIAM D.
; DAVIS, ROBERT
; MILLER, SCOTT W.
; TITLE OF INVENTION: Diagnosis, Therapy and Cellular and
; Animal Models for Diseases Associated with Mitochondrial
; Defects
; NUMBER OF SEQUENCES: 206
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Kenyon & Kenyon
; STREET: 1025 Connecticut Avenue, N.W.
; CITY: Washington
; STATE: DC
; COUNTRY: USA
; ZIP: 20036-5405
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/978,600
FILING DATE: 15-Oct-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/413,740
FILING DATE: 30-MAR-1995
APPLICATION NUMBER: PCT/US95/04063
FILING DATE: 30-MAR-1995
ATTORNEY/AGENT INFORMATION:
NAME: Bonham, David B.
REGISTRATION NUMBER: 34297
REFERENCE/DOCKET NUMBER: 2105/7
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 429-1776
TELEFAX: (202) 429-0796
INFORMATION FOR SEQ ID NO: 200:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
TOPOLOGY: linear
STRANDEDNESS: double
MOLECULE TYPE: other nucleic acid
HYPOTHETICAL: NO
ANTI-SENSE: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 200:
US-09-978-600-200

Query Match

Best Local Similarity 91.7%; Score 10.4; DB 1; Length 14;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1085 CAGGCTCACCC 1096
|||||:|||||
Db 3 CAGGCATCACCC 14

RESULT 711

US-10-146-058-87/c
; Sequence 87, Application US/10146058
; Publication No. US20030040499A1
; GENERAL INFORMATION:
; APPLICANT: Schlingensiepen, Georg-Ferdinand
; APPLICANT: Brysch, Wolfgang
; APPLICANT: Schlingensiepen, Karl-Hermann
; APPLICANT: Schlingensiepen, Reimar
; APPLICANT: Bogdahn, Ulrich
; TITLE OF INVENTION: Antisense-oligonucleotides for the treatment of
; immunosuppressive effect of transforming-growth-factor beta
; NUMBER OF SEQUENCES: 137
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jacobson, Price, Holman & Stern
; STREET: 400 Seventh St. N.W.
; CITY: Washington D.C.
; COUNTRY: U.S.A.
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/146,058
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/535,249
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 93 107 089.0
; FILING DATE: 30-APR-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: EP 93 107 849.7
; FILING DATE: 13-MAY-1993

ATTORNEY/AGENT INFORMATION:
NAME: Player, William E.
REGISTRATION NUMBER: 31,409
REFERENCE/DOCKET NUMBER: 10577/P58418
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 638-6666
TELEFAX: (202) 393-5350
TELEX: RCA 248593 IDEA UR
INFORMATION FOR SEQ ID NO: 87:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
ANTI-SENSE: YES
US-10-146-058-87

Query Match 0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1254 CATCCCAACCC 1265
||| |||||
Db 13 CATCTCCAACCC 2

RESULT 712

US-10-146-058-125
Sequence 125, Application US/10146058
Publication No. US20030040499A1
GENERAL INFORMATION:
APPLICANT: Schlingensiepen, Georg-Ferdinand
APPLICANT: Brysch, Wolfgang
APPLICANT: Schlingensiepen, Karl-Hermann
APPLICANT: Schlingensiepen, Reimar
APPLICANT: Bogdahn, Ulrich
TITLE OF INVENTION: Antisense-oligonucleotides for the treatment of
NUMBER OF SEQUENCES: 137
CORRESPONDENCE ADDRESS:
ADDRESSEE: Jacobson, Price, Holman & Stern
STREET: 400 Seventh St. N.W.
CITY: Washington D.C.
COUNTRY: U.S.A.
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/146,058
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/535,249
FILING DATE:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 93 107 089.0
FILING DATE: 30-APR-1993
PRIOR APPLICATION DATA:
APPLICATION NUMBER: EP 93 107 849.7
FILING DATE: 13-MAY-1993
ATTORNEY/AGENT INFORMATION:
NAME: Player, William E.
REGISTRATION NUMBER: 31,409
REFERENCE/DOCKET NUMBER: 10577/P58418
TELECOMMUNICATION INFORMATION:
TELEPHONE: (202) 638-6666
TELEFAX: (202) 393-5350
TELEX: RCA 248593 IDEA UR
INFORMATION FOR SEQ ID NO: 125:

SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: unknown
TOPOLOGY: unknown
MOLECULE TYPE: DNA (genomic)
ANTI-SENSE: YES
US-10-146-058-125

Query Match 0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 731 AGGAGAACAGCA 742
||| ||||| |||||
Db 1 AGGAGAACAGCA 12

RESULT 713

US-10-112-882-4/c
Sequence 4, Application US/10112882
Publication No. US20030143554A1
GENERAL INFORMATION:
APPLICANT: Beirres, Mark E
APPLICANT: Kirsch, John AW
TITLE OF INVENTION: Method of Genotyping by Determination of Allele Copy Number
FILE REFERENCE: 282.002
CURRENT APPLICATION NUMBER: US/10/112,882
PRIOR FILING DATE: 2002-11-19
PRIOR APPLICATION NUMBER: US 60/280,727
PRIOR FILING DATE: 2001-03-31
PRIOR APPLICATION NUMBER: US 60/313,578
PRIOR FILING DATE: 2001-08-17
NUMBER OF SEQ ID NOS: 8
SOFTWARE: PatentIn version 3.1
SEQ ID NO 4
LENGTH: 14
TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: synthetic DNA
US-10-112-882-4

Query Match 0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 868 ACTCAGGACTCA 879
||| ||||| |||||
Db 13 ACTCAGGACTCA 2

RESULT 714

US-10-270-839-2
Sequence 2, Application US/10270839
Publication No. US20030143586A1
GENERAL INFORMATION:
APPLICANT: Chao, Qimin
APPLICANT: Grasso, Luigi
APPLICANT: Sass, Philip M.
APPLICANT: Nicolaides, Nicholas C.
TITLE OF INVENTION: Genetic Hypermutability of Plants for Gene Discovery and Diagnostic
FILE REFERENCE: AG0002US (MOR-0133)
CURRENT APPLICATION NUMBER: US/10/270,839
CURRENT FILING DATE: 2002-10-11
PRIOR APPLICATION NUMBER: 60/328,750
PRIOR FILING DATE: 2001-10-12
NUMBER OF SEQ ID NOS: 129
SOFTWARE: PatentIn version 3.1
SEQ ID NO 2
LENGTH: 14
TYPE: DNA

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-10-270-839-2

Query Match 0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 868 ACTCAGGACTCA 879
Db 2 ACTCAGGACTCA 13

RESULT 715
US-10-062-248-1
; Sequence 1, Application US/10062248
; Publication No. US20030148288A1
; GENERAL INFORMATION:
; APPLICANT: TANG, YI-WEI
; TITLE OF INVENTION: COLORIMETRIC GENETIC TEST FOR CLINICALLY SIGNIFICANT
; FILE REFERENCE: N7438
; CURRENT APPLICATION NUMBER: US/10/062,248
; CURRENT FILING DATE: 2002-02-01
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn ver. 2.1
; SEQ ID NO 1
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: probe
US-10-062-248-1

Query Match 0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1250 ACCCATCCCCA 1261
Db 1 ACCCATCCCCA 12

RESULT 716
US-10-169-371-6
; Sequence 6, Application US/10169371
; Publication No. US20030175729A1
; GENERAL INFORMATION:
; APPLICANT: VAN EIJK, Michael Josephus Theresia
; APPLICANT: HOGERS, Rene Cornelis Josephus
; APPLICANT: HEIJUNEN, Leo
; TITLE OF INVENTION: Method for generating oligonucleotides, in particular for the
; FILE REFERENCE: VAN EIJK=2
; CURRENT APPLICATION NUMBER: US/10/169,371
; CURRENT FILING DATE: 2002-07-01
; PRIOR APPLICATION NUMBER: EPC 99204614.4
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: PCT/NL00/00963
; PRIOR FILING DATE: 2000-12-28
; NUMBER OF SEQ ID NOS: 95
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: synthetic
US-10-169-371-6

Query Match 0.5%; Score 10.4; DB 1; Length 14;

Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 868 ACTCAGGACTCA 879
Db 2 ACTCAGGACTCA 13

RESULT 717
US-10-356-625-18
; Sequence 18, Application US/10356625
; Publication No. US20030186290A1
; GENERAL INFORMATION:
; APPLICANT: Tournier-Lasserre, Elisabeth
; APPLICANT: Joutel, Anne
; APPLICANT: Bousser, Marie-Germaine
; APPLICANT: Bach, Jean-Francois
; TITLE OF INVENTION: GENE INVOLVED IN CADASIL, METHOD OF DIAGNOSIS AND
; FILE REFERENCE: 03715.0048-00000
; CURRENT APPLICATION NUMBER: US/10/356,625
; CURRENT FILING DATE: 2003-02-03
; PRIOR APPLICATION NUMBER: US/09/230,652
; PRIOR FILING DATE: 1999-05-17
; PRIOR APPLICATION NUMBER: FR 96 09733
; PRIOR FILING DATE: 1996-08-01
; PRIOR APPLICATION NUMBER: FR 97 04680
; PRIOR FILING DATE: 1997-04-16
; PRIOR APPLICATION NUMBER: PCT/FR97/01433
; PRIOR FILING DATE: 1997-07-31
; NUMBER OF SEQ ID NOS: 163
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 18
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-10-356-625-18

Query Match 0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1082 CTCGAGGCTTCA 1093
Db 3 CCCGAGGCTTCA 14

RESULT 718
US-10-362-817-4/c
; Sequence 4, Application US/10362817
; Publication No. US20030186294A1
; GENERAL INFORMATION:
; APPLICANT: Kong, Xiangyin
; APPLICANT: Bu, Lei
; APPLICANT: Zhao, Guoping
; APPLICANT: Yan, Shunsheng
; APPLICANT: Jin, Meilei
; APPLICANT: Sulitang, Yexiang
; APPLICANT: Jin, Yiping
; APPLICANT: Hu, Liandian
; TITLE OF INVENTION: METHOD OF DIAGNOSING AND TREATING LENS ILLNESSES USING HUMAN CF
; FILE REFERENCE: 9548.77USWO
; CURRENT APPLICATION NUMBER: US/10/362,817
; CURRENT FILING DATE: 2003-02-25
; PRIOR APPLICATION NUMBER: PCT/CN01/01274
; PRIOR FILING DATE: 2001-08-24
; PRIOR APPLICATION NUMBER: CN 00119756.8
; PRIOR FILING DATE: 2000-08-25
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 4
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Adapter
US-10-362-817-4

Query Match 0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 868 ACTGAGGACTCA 879
||| |||||
Db 13 ACTCAGGACTCA 2

RESULT 719

US-10-220-033-15/c
; Sequence 15, Application US/10220033
; Publication No. US20030186906A1
; GENERAL INFORMATION:
; APPLICANT: Schlengersiepen, Karl-Hermann
; TITLE OF INVENTION: Mixture comprising an inhibitor or suppressor of a gene
; TITLE OF INVENTION: and a molecule binding to an expression product of that
; FILE REFERENCE: P68119USO
; CURRENT APPLICATION NUMBER: US/10/220,033
; PRIOR FILING DATE: 2003-03-17
; PRIOR APPLICATION NUMBER: PCT/EP01/02694
; PRIOR FILING DATE: 2001-03-10
; PRIOR APPLICATION NUMBER: EP00105190.3
; PRIOR FILING DATE: 2000-03-11
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 15
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: antisense
US-10-220-033-15

Query Match 0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1140 CAGCTCCACCTA 1151
||| |||||
Db 14 CAGCACCACCTA 3

RESULT 720

US-10-276-401-2
; Sequence 2, Application US/10276401
; Publication No. US20030190645A1
; GENERAL INFORMATION:
; APPLICANT: KeyGene N.V.
; TITLE OF INVENTION: Microsatellite-AFLP
; FILE REFERENCE: VAN EIJK=3
; CURRENT APPLICATION NUMBER: US/10/276,401
; CURRENT FILING DATE: 2002-11-15
; PRIOR APPLICATION NUMBER: BO-43224
; PRIOR FILING DATE: 2001-05-15
; PRIOR APPLICATION NUMBER: 00201725.9
; PRIOR FILING DATE: 2000-05-15
; PRIOR APPLICATION NUMBER: 01200104.6
; PRIOR FILING DATE: 2001-01-01
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2

; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: adapter
US-10-276-401-2

Query Match 0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 868 ACTGAGGACTCA 879
||| |||||
Db 2 ACTCAGGACTCA 13

RESULT 721

US-10-455-552-93
; Sequence 93, Application US/10455552
; Publication No. US20040018533A1
; GENERAL INFORMATION:
; APPLICANT: Adam, Gail Isabel
; APPLICANT: Langdown, Maria
; APPLICANT: Roth, Richard
; APPLICANT: Denissenko, Mikhail
; APPLICANT: Smylie, Kevin
; TITLE OF INVENTION: DIAGNOSING PREDISPOSITION TO FAT
; TITLE OF INVENTION: DEPOSITION AND THERAPEUTIC METHODS FOR REDUCING FAT
; FILE REFERENCE: 52459-20030.00
; CURRENT APPLICATION NUMBER: US/10/455,552
; CURRENT FILING DATE: 2003-06-04
; PRIOR APPLICATION NUMBER: US 60/386,012
; PRIOR FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 93
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-455-552-93

Query Match 0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1050 GCCCCTGGCCCC 1061
||| |||||
Db 3 GCCCGGGCCCC 14

RESULT 722

US-10-455-552-95
; Sequence 95, Application US/10455552
; Publication No. US20040018533A1
; GENERAL INFORMATION:
; APPLICANT: Adam, Gail Isabel
; APPLICANT: Langdown, Maria
; APPLICANT: Roth, Richard
; APPLICANT: Denissenko, Mikhail
; APPLICANT: Smylie, Kevin
; TITLE OF INVENTION: DIAGNOSING PREDISPOSITION TO FAT
; TITLE OF INVENTION: DEPOSITION AND THERAPEUTIC METHODS FOR REDUCING FAT
; FILE REFERENCE: 52459-20030.00
; CURRENT APPLICATION NUMBER: US/10/455,552
; CURRENT FILING DATE: 2003-06-04
; PRIOR APPLICATION NUMBER: US 60/386,012
; PRIOR FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 95
; LENGTH: 14

; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-455-552-95

Query Match 0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1050 GCCCCTGGCCCC 1061
|||||
Db 3 GCCCGGGCCCC 14

RESULT 723
US-10-455-552-98
; Sequence 98, Application US/10455552
; Publication No. US20040018533A1
; GENERAL INFORMATION:
; APPLICANT: Adam, Gail Isabel
; APPLICANT: Langdown, Maria
; APPLICANT: Roth, Richard
; APPLICANT: Denissenko, Mikhail
; APPLICANT: Smylie, Kevin
; TITLE OF INVENTION: DIAGNOSING PREDISPOSITION TO FAT
; TITLE OF INVENTION: DEPOSITION AND THERAPEUTIC METHODS FOR REDUCING FAT
; TITLE OF INVENTION: DEPOSITION AND TREATMENT OF ASSOCIATED CONDITIONS
; FILE REFERENCE: 52459-20030.00
; CURRENT APPLICATION NUMBER: US/10/455,552
; PRIOR FILING DATE: 2003-06-04
; PRIOR APPLICATION NUMBER: US 60/386,012
; PRIOR FILING DATE: 2002-06-04
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 98
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-455-552-98

Query Match 0.5%; Score 10.4; DB 1; Length 14;
Best Local Similarity 91.7%; Pred. No. 3.9e+02;
Matches 11; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1050 GCCCCTGGCCCC 1061
|||||
Db 3 GCCCGGGCCCC 14

Search completed: March 1, 2004, 15:33:54
Job time : 16 secs

GenCore version 5.1.6
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OM nucleic - nucleic search, using sw model

Run on: March 1, 2004, 15:36:49 ; Search time 24 Seconds

(without alignments)
3.664 Million cell updates/sec

Title: us-09-695-451-1

Perfect score: 2161

Sequence: 1-gggccagtgatcttgaacc.....tacactaaattctgaagtt 2161

Scoring table: IDENTITY_NUC

Gapop 10.0 , Gapext 0.5

Searched: 1037 seqs, 20347 residues

Total number of hits satisfying chosen parameters: 2074

Minimum DB seq length: 8

Maximum DB seq length: 80

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 1063 summaries

Database : rnmpm.seq*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
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2	30	1.4	30	1	US-09-752-356-9
3	30	1.4	30	1	US-09-898-234-9
4	30	1.4	30	1	US-09-899-422-9
5	30	1.4	30	1	US-09-899-422-9
6	29	1.3	29	1	US-08-190-412B-206
7	25	1.2	25	1	PCT-US00-04606-91
8	24	1.1	24	1	US-08-190-412B-207
9	23	1.1	24	1	US-08-190-412B-210
10	22	1.0	22	1	US-10-409-107A-1
11	21	1.0	29	1	US-10-380-438-15
12	20.8	1.0	24	1	US-08-529-190A-7
13	20.8	1.0	24	1	US-08-733-369A-63
14	20.8	1.0	24	1	US-08-970-900-57
15	20.2	0.9	25	1	PCT-US95-05854-2
16	20	0.9	28	1	US-10-349-977-2
17	20	0.9	28	1	US-10-355-577-313303
18	19.8	0.9	25	1	US-60-353-987-313303
19	19.8	0.9	24	1	US-08-529-190A-10
20	19.2	0.9	24	1	US-08-733-369A-66
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24	19.2	0.9	25	1	US-60-333-166-80683
25	19.2	0.9	25	1	US-09-980-469-20
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93	18.8	0.9	24	1	US-08-970-900-63	Sequence 63, Appl
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95	18.6	0.9	25	1	US-10-719-900-485674	Sequence 485674,
96	18.6	0.9	25	1	US-10-719-900-485675	Sequence 485675,
97	18.6	0.9	25	1	US-10-719-956-134336	Sequence 134336,
98	18.6	0.9	25	1	US-10-719-956-169282	Sequence 169282,
99	18.6	0.9	25	1	US-60-427-808-208603	Sequence 208603,
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101	18.6	0.9	25	1	US-60-427-808-485675	Sequence 485675,
102	18.6	0.9	25	1	US-60-427-836-134336	Sequence 134336,
103	18.6	0.9	25	1	US-60-427-836-169282	Sequence 169282,
104	18.6	0.9	25	1	US-60-507-511-66945	Sequence 66945, A
105	18.2	0.8	23	1	PCT-US02-09771-128	Sequence 128, App
106	18.2	0.8	23	1	US-10-113-877-128	Sequence 128, App

107	18.2	0.8	23	1	US-10-464-609-12	Sequence 12, Appl	c 180	18	0.8	18	1	US-09-695-451-143	Sequence 143, App
c 108	18.2	0.8	25	1	US-07-934-185A-33	Sequence 33, Appl	c 181	18	0.8	18	1	US-09-595-451-144	Sequence 144, App
c 109	18.2	0.8	25	1	US-07-934-185A-34	Sequence 34, Appl	c 182	18	0.8	18	1	US-09-595-451-145	Sequence 145, Appl
c 110	18.2	0.8	25	1	US-09-299-058-33	Sequence 33, Appl	c 183	18	0.8	18	1	US-09-756-301A-15	Sequence 15, Appl
c 111	18.2	0.8	25	1	US-09-299-058-34	Sequence 34, Appl	c 184	18	0.8	18	1	US-09-756-301B-15	Sequence 15, Appl
c 112	18.2	0.8	25	1	US-09-953-115A-1786	Sequence 1786, Ap	c 185	18	0.8	18	1	US-09-756-398B-15	Sequence 15, Appl
c 113	18.2	0.8	25	1	US-09-953-115A-21731	Sequence 21731, A	c 186	18	0.8	18	1	US-09-766-535A-15	Sequence 15, Appl
c 114	18.2	0.8	25	1	US-10-355-577-313306	Sequence 313306,	c 187	18	0.8	18	1	US-09-897-724-15	Sequence 15, Appl
c 115	18.2	0.8	25	1	US-10-355-577-313306	Sequence 313306,	c 188	18	0.8	18	1	US-09-927-703-15	Sequence 15, Appl
c 116	18.2	0.8	25	1	US-10-719-956-530795	Sequence 530795,	c 189	18	0.8	18	1	US-10-010-229-15	Sequence 15, Appl
c 117	18.2	0.8	25	1	US-60-353-987-313306	Sequence 313306,	c 190	18	0.8	18	1	US-10-043-432-15	Sequence 15, Appl
c 118	18.2	0.8	25	1	US-60-353-987-560795	Sequence 560795,	c 191	18	0.8	18	1	US-10-043-436-15	Sequence 15, Appl
c 119	18.2	0.8	25	1	US-60-427-836-535328	Sequence 535328,	c 192	18	0.8	18	1	US-10-043-450-15	Sequence 15, Appl
c 120	18.2	0.8	25	1	US-60-507-511-171767	Sequence 171767,	c 193	18	0.8	18	1	US-10-044-534-15	Sequence 15, Appl
c 121	18	0.8	25	1	US-08-132-861-15	Sequence 15, Appl	c 194	18	0.8	18	1	US-10-176-460-15	Sequence 15, Appl
c 122	18	0.8	25	1	US-08-442-133-10	Sequence 10, Appl	c 195	18	0.8	18	1	US-10-186-559-15	Sequence 15, Appl
c 123	18	0.8	25	1	US-08-570-674-15	Sequence 15, Appl	c 196	18	0.8	18	1	US-10-187-121-15	Sequence 15, Appl
c 124	18	0.8	25	1	US-09-695-451-47	Sequence 47, Appl	c 197	18	0.8	18	1	US-10-198-845-15	Sequence 15, Appl
c 125	18	0.8	25	1	US-09-695-451-48	Sequence 48, Appl	c 198	18	0.8	18	1	US-10-200-795-15	Sequence 15, Appl
c 126	18	0.8	25	1	US-09-695-451-49	Sequence 49, Appl	c 199	18	0.8	18	1	US-10-208-145-15	Sequence 15, Appl
c 127	18	0.8	25	1	US-09-695-451-50	Sequence 50, Appl	c 200	18	0.8	18	1	US-10-327-488-15	Sequence 15, Appl
c 128	18	0.8	25	1	US-09-695-451-51	Sequence 51, Appl	c 201	18	0.8	18	1	US-10-327-488-15	Sequence 15, Appl
c 129	18	0.8	25	1	US-09-695-451-52	Sequence 52, Appl	c 202	18	0.8	18	1	US-10-319-011-15	Sequence 15, Appl
c 130	18	0.8	25	1	US-09-695-451-53	Sequence 53, Appl	c 203	18	0.8	18	1	US-10-371-443-15	Sequence 15, Appl
c 131	18	0.8	25	1	US-09-695-451-54	Sequence 54, Appl	c 204	18	0.8	18	1	US-10-371-962-15	Sequence 15, Appl
c 132	18	0.8	25	1	US-09-695-451-55	Sequence 55, Appl	c 205	18	0.8	18	1	US-10-379-866-15	Sequence 15, Appl
c 133	18	0.8	25	1	US-09-695-451-56	Sequence 56, Appl	c 206	18	0.8	18	1	US-10-637-759-15	Sequence 15, Appl
c 134	18	0.8	25	1	US-09-695-451-57	Sequence 57, Appl	c 207	18	0.8	18	1	US-10-702-817-47	Sequence 47, Appl
c 135	18	0.8	25	1	US-09-695-451-58	Sequence 58, Appl	c 208	18	0.8	18	1	US-10-702-817-48	Sequence 48, Appl
c 136	18	0.8	25	1	US-09-695-451-59	Sequence 59, Appl	c 209	18	0.8	18	1	US-10-702-817-49	Sequence 49, Appl
c 137	18	0.8	25	1	US-09-695-451-60	Sequence 60, Appl	c 210	18	0.8	18	1	US-10-702-817-50	Sequence 50, Appl
c 138	18	0.8	25	1	US-09-695-451-61	Sequence 61, Appl	c 211	18	0.8	18	1	US-10-702-817-51	Sequence 51, Appl
c 139	18	0.8	25	1	US-09-695-451-62	Sequence 62, Appl	c 212	18	0.8	18	1	US-10-702-817-52	Sequence 52, Appl
c 140	18	0.8	25	1	US-09-695-451-63	Sequence 63, Appl	c 213	18	0.8	18	1	US-10-702-817-53	Sequence 53, Appl
c 141	18	0.8	25	1	US-09-695-451-64	Sequence 64, Appl	c 214	18	0.8	18	1	US-10-702-817-54	Sequence 54, Appl
c 142	18	0.8	25	1	US-09-695-451-65	Sequence 65, Appl	c 215	18	0.8	18	1	US-10-702-817-55	Sequence 55, Appl
c 143	18	0.8	25	1	US-09-695-451-66	Sequence 66, Appl	c 216	18	0.8	18	1	US-10-702-817-56	Sequence 56, Appl
c 144	18	0.8	25	1	US-09-695-451-67	Sequence 67, Appl	c 217	18	0.8	18	1	US-10-702-817-57	Sequence 57, Appl
c 145	18	0.8	25	1	US-09-695-451-68	Sequence 68, Appl	c 218	18	0.8	18	1	US-10-702-817-58	Sequence 58, Appl
c 146	18	0.8	25	1	US-09-695-451-69	Sequence 69, Appl	c 219	18	0.8	18	1	US-10-702-817-59	Sequence 59, Appl
c 147	18	0.8	25	1	US-09-695-451-70	Sequence 70, Appl	c 220	18	0.8	18	1	US-10-702-817-60	Sequence 60, Appl
c 148	18	0.8	25	1	US-09-695-451-111	Sequence 111, App	c 221	18	0.8	18	1	US-10-702-817-61	Sequence 61, Appl
c 149	18	0.8	25	1	US-09-695-451-112	Sequence 112, App	c 222	18	0.8	18	1	US-10-702-817-62	Sequence 62, Appl
c 150	18	0.8	25	1	US-09-695-451-113	Sequence 113, App	c 223	18	0.8	18	1	US-10-702-817-63	Sequence 63, Appl
c 151	18	0.8	25	1	US-09-695-451-114	Sequence 114, App	c 224	18	0.8	18	1	US-10-702-817-64	Sequence 64, Appl
c 152	18	0.8	25	1	US-09-695-451-115	Sequence 115, App	c 225	18	0.8	18	1	US-10-702-817-65	Sequence 65, Appl
c 153	18	0.8	25	1	US-09-695-451-116	Sequence 116, App	c 226	18	0.8	18	1	US-10-702-817-66	Sequence 66, Appl
c 154	18	0.8	25	1	US-09-695-451-117	Sequence 117, App	c 227	18	0.8	18	1	US-10-702-817-67	Sequence 67, Appl
c 155	18	0.8	25	1	US-09-695-451-118	Sequence 118, App	c 228	18	0.8	18	1	US-10-702-817-68	Sequence 68, Appl
c 156	18	0.8	25	1	US-09-695-451-119	Sequence 119, App	c 229	18	0.8	18	1	US-10-702-817-69	Sequence 69, Appl
c 157	18	0.8	25	1	US-09-695-451-120	Sequence 120, App	c 230	18	0.8	18	1	US-10-702-817-70	Sequence 70, Appl
c 158	18	0.8	25	1	US-09-695-451-121	Sequence 121, App	c 231	18	0.8	18	1	US-10-702-817-71	Sequence 111, App
c 159	18	0.8	25	1	US-09-695-451-122	Sequence 122, App	c 232	18	0.8	18	1	US-10-702-817-72	Sequence 112, App
c 160	18	0.8	25	1	US-09-695-451-123	Sequence 123, App	c 233	18	0.8	18	1	US-10-702-817-73	Sequence 113, App
c 161	18	0.8	25	1	US-09-695-451-124	Sequence 124, App	c 234	18	0.8	18	1	US-10-702-817-74	Sequence 114, App
c 162	18	0.8	25	1	US-09-695-451-125	Sequence 125, App	c 235	18	0.8	18	1	US-10-702-817-75	Sequence 115, App
c 163	18	0.8	25	1	US-09-695-451-126	Sequence 126, App	c 236	18	0.8	18	1	US-10-702-817-76	Sequence 116, App
c 164	18	0.8	25	1	US-09-695-451-127	Sequence 127, App	c 237	18	0.8	18	1	US-10-702-817-77	Sequence 117, App
c 165	18	0.8	25	1	US-09-695-451-128	Sequence 128, App	c 238	18	0.8	18	1	US-10-702-817-78	Sequence 118, App
c 166	18	0.8	25	1	US-09-695-451-129	Sequence 129, App	c 239	18	0.8	18	1	US-10-702-817-79	Sequence 119, App
c 167	18	0.8	25	1	US-09-695-451-130	Sequence 130, App	c 240	18	0.8	18	1	US-10-702-817-80	Sequence 120, App
c 168	18	0.8	25	1	US-09-695-451-131	Sequence 131, App	c 241	18	0.8	18	1	US-10-702-817-81	Sequence 121, App
c 169	18	0.8	25	1	US-09-695-451-132	Sequence 132, App	c 242	18	0.8	18	1	US-10-702-817-82	Sequence 122, App
c 170	18	0.8	25	1	US-09-695-451-133	Sequence 133, App	c 243	18	0.8	18	1	US-10-702-817-83	Sequence 123, App
c 171	18	0.8	25	1	US-09-695-451-134	Sequence 134, App	c 244	18	0.8	18	1	US-10-702-817-84	Sequence 124, App
c 172	18	0.8	25	1	US-09-695-451-135	Sequence 135, App	c 245	18	0.8	18	1	US-10-702-817-85	Sequence 125, App
c 173	18	0.8	25	1	US-09-695-451-136	Sequence 136, App	c 246	18	0.8	18	1	US-10-702-817-86	Sequence 126, App
c 174	18	0.8	25	1	US-09-695-451-137	Sequence 137, App	c 247	18	0.8	18	1	US-10-702-817-87	Sequence 127, App
c 175	18	0.8	25	1	US-09-695-451-138	Sequence 138, App	c 248	18	0.8	18	1	US-10-702-817-88	Sequence 128, App
c 176	18	0.8	25	1	US-09-695-451-139	Sequence 139, App	c 249	18	0.8	18	1	US-10-702-817-89	Sequence 129, App
c 177	18	0.8	25	1	US-09-695-451-140	Sequence 140, App	c 250	18	0.8	18	1	US-10-702-817-90	Sequence 130, App
c 178	18	0.8	25	1	US-09-695-451-141	Sequence 141, App	c 251	18	0.8	18	1	US-10-702-817-91	Sequence 131, App
c 179	18	0.8	25	1	US-09-695-451-142	Sequence 142, App	c 252	18	0.8	18	1	US-10-702-817-92	Sequence 132, App

399	16.8	0.8	24	1	US-10-227-565-43471	Sequence 43471, A	C 472	15.4	0.7	20	1	US-09-612-558C-44	Sequence 44, Appl
400	16.8	0.8	24	1	US-10-367-832A-43471	Sequence 43471, A	C 473	15.4	0.7	20	1	US-10-266-090-43965	Sequence 43965, A
C 401	16.4	0.8	18	1	US-09-695-451-151	Sequence 151, App	C 474	15.4	0.7	21	1	US-10-640-274-4	Sequence 4, Appl
C 402	16.4	0.8	18	1	US-10-702-817-151	Sequence 151, App	C 475	15.4	0.7	21	1	US-10-751-736-49989	Sequence 49989, A
C 403	16.2	0.7	21	1	US-10-303-778-6385	Sequence 6385, App	C 476	15.4	0.7	21	1	US-10-751-736-50478	Sequence 50478, A
C 404	16.2	0.7	21	1	US-10-349-780A-30	Sequence 30, Appl	C 477	15.2	0.7	20	1	PCT-US03-20865-2106	Sequence 2106, App
C 405	16.2	0.7	21	1	US-10-751-736-17819	Sequence 17819, A	C 478	15.2	0.7	20	1	PCT-US03-20865-2536	Sequence 2536, App
C 406	16.2	0.7	21	1	US-10-751-736-27496	Sequence 27496, A	C 479	15.2	0.7	20	1	PCT-US03-20865-2538	Sequence 2538, App
C 407	16.2	0.7	21	1	US-60-216-745-5635	Sequence 5635, App	C 480	15.2	0.7	20	1	PCT-US03-25389-791	Sequence 791, App
C 408	16.2	0.7	23	1	US-10-310-188-21667	Sequence 21667, App	C 481	15.2	0.7	20	1	PCT-US03-25389-1284	Sequence 1284, App
C 409	16.2	0.7	23	1	US-10-310-188-22799	Sequence 22799, A	C 482	15.2	0.7	20	1	PCT-US03-25389-1375	Sequence 1375, App
C 410	16.2	0.7	23	1	US-10-310-188-47124	Sequence 47124, A	C 483	15.2	0.7	20	1	US-09-514-000-11480	Sequence 11480, A
C 411	16	0.7	18	1	US-09-695-451-153	Sequence 153, App	C 484	15.2	0.7	20	1	US-09-719-737-4	Sequence 4, Appl
C 412	16	0.7	18	1	US-10-702-817-153	Sequence 153, App	C 485	15.2	0.7	20	1	US-10-300-263-69	Sequence 69, Appl
C 413	15.8	0.7	19	1	US-10-266-090-40186	Sequence 40186, A	C 486	15.2	0.7	20	1	US-10-300-263-135	Sequence 135, App
C 414	15.8	0.7	20	1	US-09-695-451-199	Sequence 199, App	C 487	15.2	0.7	20	1	US-10-310-188-64026	Sequence 64026, A
C 415	15.8	0.7	20	1	US-09-695-451-201	Sequence 201, App	C 488	15.2	0.7	20	1	US-10-467-665-10	Sequence 10, Appl
C 416	15.8	0.7	20	1	US-10-266-090-49719	Sequence 49719, A	C 489	15.2	0.7	20	1	US-10-482-949-4	Sequence 4, Appl
C 417	15.8	0.7	20	1	US-10-310-188-44817	Sequence 44817, A	C 490	15.2	0.7	21	1	PCT-US01-44838-1261	Sequence 1261, App
C 418	15.8	0.7	20	1	US-10-313-211-72	Sequence 72, Appl	C 491	15.2	0.7	21	1	US-09-724-389-1261	Sequence 1261, App
C 419	15.8	0.7	20	1	US-10-702-817-199	Sequence 199, App	C 492	15.2	0.7	21	1	US-10-310-188-2897	Sequence 2897, App
C 420	15.8	0.7	21	1	US-10-702-817-201	Sequence 201, App	C 493	15.2	0.7	21	1	US-10-310-188-47281	Sequence 47281, A
C 421	15.8	0.7	21	1	US-09-715-849-573	Sequence 573, App	C 494	15.2	0.7	21	1	US-10-310-188-55026	Sequence 55026, A
C 422	15.8	0.7	22	1	US-10-736-227-8	Sequence 8, Appl	C 495	15.2	0.7	21	1	US-10-310-188-67517	Sequence 67517, A
C 423	15.6	0.7	22	1	US-08-472-801-1491	Sequence 1491, App	C 496	15.2	0.7	21	1	US-10-310-188-78255	Sequence 78255, A
C 424	15.6	0.7	22	1	US-08-472-801-1736	Sequence 1736, App	C 497	15.2	0.7	21	1	US-10-349-143-8726	Sequence 8726, App
C 425	15.6	0.7	22	1	US-08-668-235-1491	Sequence 1491, App	C 498	15.2	0.7	21	1	US-10-751-736-27499	Sequence 27499, A
C 426	15.6	0.7	22	1	US-08-668-235-1736	Sequence 1736, App	C 499	15.2	0.7	21	1	US-10-751-736-34923	Sequence 34923, A
C 427	15.6	0.7	22	1	US-09-922-449B-6	Sequence 6, Appl	C 500	15.2	0.7	21	1	US-60-350-061-389	Sequence 389, App
C 428	15.6	0.7	22	1	US-10-160-499-1491	Sequence 1491, App	C 501	15.2	0.7	21	1	US-09-155-885A-274	Sequence 274, App
C 429	15.6	0.7	22	1	US-10-160-499-1736	Sequence 1736, App	C 502	15	0.7	18	1	US-09-695-451-150	Sequence 150, App
C 430	15.6	0.7	22	1	US-10-310-188-78629	Sequence 78629, A	C 503	15	0.7	18	1	US-10-453-792-274	Sequence 274, App
C 431	15.4	0.7	17	1	US-09-531-025A-213	Sequence 213, App	C 504	15	0.7	18	1	US-10-606-879-274	Sequence 274, App
C 432	15.4	0.7	17	1	US-09-636-385-213	Sequence 213, App	C 505	15	0.7	18	1	PCT-US99-18101-61	Sequence 61, Appl
C 433	15.4	0.7	17	1	US-09-685-664B-3066	Sequence 3066, App	C 506	15	0.7	19	1	US-09-132-023-61	Sequence 61, Appl
C 434	15.4	0.7	17	1	US-09-696-347-213	Sequence 213, App	C 507	15	0.7	19	1	US-10-266-090-39560	Sequence 39560, A
C 435	15.4	0.7	17	1	US-09-708-690-3066	Sequence 3066, App	C 508	15	0.7	19	1	US-10-310-188-57220	Sequence 57220, A
C 436	15.4	0.7	17	1	US-09-870-161-3066	Sequence 3066, App	C 509	15	0.7	19	1	US-09-155-885A-135	Sequence 135, App
C 437	15.4	0.7	17	1	US-09-877-478-213	Sequence 213, App	C 510	15	0.7	20	1	US-09-612-558A-42	Sequence 42, Appl
C 438	15.4	0.7	17	1	US-10-138-674-3066	Sequence 3066, App	C 511	15	0.7	20	1	US-09-612-558B-42	Sequence 42, Appl
C 439	15.4	0.7	17	1	US-10-138-674A-3066	Sequence 3066, App	C 512	15	0.7	20	1	US-09-612-558C-42	Sequence 42, Appl
C 440	15.4	0.7	17	1	US-10-287-949A-3066	Sequence 3066, App	C 513	15	0.7	20	1	US-09-718-095-37	Sequence 37, Appl
C 441	15.4	0.7	17	1	US-10-342-902-213	Sequence 213, App	C 514	15	0.7	20	1	US-10-453-792-135	Sequence 135, App
C 442	15.4	0.7	17	1	US-10-669-841-213	Sequence 213, App	C 515	15	0.7	20	1	US-08-472-802A-36	Sequence 36, Appl
C 443	15.4	0.7	18	1	US-08-485-943A-45	Sequence 45, Appl	C 516	15	0.7	20	1	US-08-472-802B-36	Sequence 36, Appl
C 444	15.4	0.7	18	1	US-08-488-215A-45	Sequence 45, Appl	C 517	15	0.7	18	1	US-08-521-634-51	Sequence 51, Appl
C 445	15.4	0.7	18	1	US-08-488-224A-45	Sequence 45, Appl	C 518	14.8	0.7	18	1	US-08-608-862-6	Sequence 6, Appl
C 446	15.4	0.7	18	1	US-09-347-068-45	Sequence 45, Appl	C 519	14.8	0.7	18	1	US-09-703-708-14260	Sequence 14260, A
C 447	15.4	0.7	18	1	US-09-635-864-45	Sequence 45, Appl	C 520	14.8	0.7	18	1	US-10-310-188-9848	Sequence 9848, App
C 448	15.4	0.7	18	1	US-09-736-084-45	Sequence 45, Appl	C 521	14.8	0.7	18	1	US-10-310-188-82678	Sequence 82678, A
C 449	15.4	0.7	18	1	US-09-736-084A-45	Sequence 45, Appl	C 522	14.8	0.7	18	1	US-60-164-320-14260	Sequence 14260, A
C 450	15.4	0.7	18	1	US-10-303-778-7620	Sequence 7620, App	C 523	14.8	0.7	18	1	US-10-266-090-38876	Sequence 38876, A
C 451	15.4	0.7	18	1	US-10-730-488-45	Sequence 45, Appl	C 524	14.8	0.7	18	1	US-10-293-338-5899	Sequence 5899, App
C 452	15.4	0.7	19	1	US-09-453-607A-3264	Sequence 3264, App	C 525	14.8	0.7	18	1	US-10-310-188-72776	Sequence 72776, A
C 453	15.4	0.7	19	1	US-09-453-607C-3264	Sequence 3264, App	C 526	14.8	0.7	18	1	PCT-US01-06572A-308	Sequence 308, App
C 454	15.4	0.7	19	1	US-09-696-791-3264	Sequence 3264, App	C 527	14.8	0.7	18	1	PCT-US02-10529-143	Sequence 143, App
C 455	15.4	0.7	19	1	US-10-244-647-572	Sequence 572, App	C 528	14.8	0.7	19	1	PCT-US03-25389-718	Sequence 718, App
C 456	15.4	0.7	19	1	US-10-244-647-642	Sequence 642, App	C 529	14.8	0.7	19	1	PCT-US99-16337-62	Sequence 62, Appl
C 457	15.4	0.7	19	1	US-10-244-647-645	Sequence 645, App	C 530	14.8	0.7	19	1	US-09-122-847-62	Sequence 62, Appl
C 458	15.4	0.7	19	1	US-10-244-647-1218	Sequence 1218, App	C 531	14.8	0.7	20	1	US-09-514-000-14226	Sequence 14226, A
C 459	15.4	0.7	19	1	US-10-244-647-1288	Sequence 1288, App	C 532	14.8	0.7	20	1	US-09-703-708-17107	Sequence 17107, A
C 460	15.4	0.7	19	1	US-10-244-647-1291	Sequence 1291, App	C 533	14.8	0.7	20	1	US-09-735-995-62	Sequence 62, Appl
C 461	15.4	0.7	19	1	US-10-310-188-26651	Sequence 26651, A	C 534	14.8	0.7	20	1	US-09-828-344-143	Sequence 143, App
C 462	15.4	0.7	20	1	US-07-954-185A-37	Sequence 37, Appl	C 535	14.8	0.7	20	1	US-09-998-027-120	Sequence 120, Appl
C 463	15.4	0.7	20	1	US-07-954-185A-45	Sequence 45, Appl	C 536	14.8	0.7	20	1		
C 464	15.4	0.7	20	1	US-07-954-185A-114	Sequence 114, App	C 537	14.8	0.7	20	1		
C 465	15.4	0.7	20	1	US-07-954-185A-118	Sequence 118, App	C 538	14.8	0.7	20	1		
C 466	15.4	0.7	20	1	US-09-299-058-37	Sequence 37, Appl	C 539	14.8	0.7	20	1		
C 467	15.4	0.7	20	1	US-09-299-058-45	Sequence 45, Appl	C 540	14.8	0.7	20	1		
C 468	15.4	0.7	20	1	US-09-299-058-114	Sequence 114, App	C 541	14.8	0.7	20	1		
C 469	15.4	0.7	20	1	US-09-299-058-118	Sequence 118, App	C 542	14.8	0.7	20	1		
C 470	15.4	0.7	20	1	US-09-612-558A-44	Sequence 44, Appl	C 543	14.8	0.7	20	1		
C 471	15.4	0.7	20	1	US-09-612-558B-44	Sequence 44, Appl	C 544	14.8	0.7	20	1		

545	14.8	0.7	20	1	US-10-165-099-120	Sequence 120, App	C 618	14.4	0.7	18	1	US-09-299-058-38	Sequence 38, Appl
546	14.8	0.7	20	1	US-10-266-090-42027	Sequence 42027, A	C 619	14.4	0.7	18	1	US-09-299-058-54	Sequence 54, Appl
547	14.8	0.7	20	1	US-10-266-090-45656	Sequence 45656, A	C 620	14.4	0.7	18	1	US-09-299-058-111	Sequence 111, Appl
548	14.8	0.7	20	1	US-10-293-338-5014	Sequence 5014, App	C 621	14.4	0.7	18	1	US-09-860-784A-145	Sequence 145, Appl
549	14.8	0.7	20	1	US-10-293-998-11	Sequence 11, Appl	C 622	14.4	0.7	18	1	US-09-947-659-9	Sequence 9, Appl
550	14.8	0.7	20	1	US-10-293-998-48	Sequence 48, Appl	C 623	14.4	0.7	18	1	US-09-947-659A-14	Sequence 14, Appl
551	14.8	0.7	20	1	US-10-303-778-11819	Sequence 11819, A	C 624	14.4	0.7	18	1	US-10-293-338-7219	Sequence 7219, App
552	14.8	0.7	20	1	US-10-310-188-21658	Sequence 21658, A	C 625	14.4	0.7	18	1	US-10-303-778-5003	Sequence 5003, App
553	14.8	0.7	20	1	US-10-310-188-36415	Sequence 36415, A	C 626	14.4	0.7	18	1	US-10-310-188-10531	Sequence 10531, A
554	14.8	0.7	20	1	US-10-696-708-62	Sequence 62, Appl	C 627	14.4	0.7	18	1	US-10-310-188-12096	Sequence 12096, A
555	14.8	0.7	20	1	US-60-164-320-17107	Sequence 17107, A	C 628	14.4	0.7	18	1	US-10-359-935-35	Sequence 35, Appl
556	14.8	0.7	20	1	US-60-183-791-17107	Sequence 17107, A	C 629	14.4	0.7	18	1	US-60-216-745-5704	Sequence 5704, App
557	14.8	0.7	20	1	US-60-216-745-5749	Sequence 5749, App	C 630	14.4	0.7	19	1	US-09-453-607A-3263	Sequence 3263, App
558	14.8	0.7	20	1	US-60-492-056-513	Sequence 513, App	C 631	14.4	0.7	19	1	US-09-453-607C-3263	Sequence 3263, App
559	14.8	0.7	21	1	PCT-US00-28518-24	Sequence 24, Appl	C 632	14.4	0.7	19	1	US-09-696-791-3263	Sequence 10, Appl
560	14.8	0.7	21	1	US-07-945-289A-7	Sequence 7, Appl	C 633	14.4	0.7	19	1	US-09-702-690-10	Sequence 606, App
561	14.8	0.7	21	1	US-08-452-841B-7	Sequence 7, Appl	C 634	14.4	0.7	19	1	US-10-244-647-606	Sequence 644, App
562	14.8	0.7	21	1	US-08-453-085-7	Sequence 7, Appl	C 635	14.4	0.7	19	1	US-10-244-647-644	Sequence 1250, App
563	14.8	0.7	21	1	US-08-729-043-2	Sequence 2, Appl	C 636	14.4	0.7	19	1	US-10-244-647-1252	Sequence 644, App
564	14.8	0.7	21	1	US-08-946-021-24	Sequence 24, Appl	C 637	14.4	0.7	19	1	US-10-244-647-1290	Sequence 1250, App
565	14.8	0.7	21	1	US-09-657-472-1936	Sequence 1936, App	C 638	14.4	0.7	19	1	US-10-303-778-64	Sequence 64, Appl
566	14.8	0.7	21	1	US-09-957-837A-24	Sequence 24, Appl	C 639	14.4	0.7	19	1	US-10-310-188-2600	Sequence 2600, App
567	14.8	0.7	21	1	US-10-291-046-6	Sequence 6, Appl	C 640	14.4	0.7	19	1	US-10-310-188-78648	Sequence 78648, A
568	14.8	0.7	21	1	US-10-303-778-14487	Sequence 14487, A	C 641	14.4	0.7	20	1	PCT-US00-06745-137	Sequence 137, App
569	14.8	0.7	21	1	US-10-303-778-14711	Sequence 14711, A	C 642	14.4	0.7	20	1	PCT-US01-05484A-54	Sequence 54, Appl
570	14.8	0.7	21	1	US-10-310-188-26585	Sequence 26585, A	C 643	14.4	0.7	20	1	US-09-230-521A-134	Sequence 134, App
571	14.8	0.7	21	1	US-10-310-188-27432	Sequence 27432, A	C 644	14.4	0.7	20	1	US-09-230-521A-134	Sequence 134, App
572	14.8	0.7	21	1	US-10-310-188-34870	Sequence 34870, A	C 645	14.4	0.7	20	1	US-09-297-017A-10	Sequence 10, Appl
573	14.8	0.7	21	1	US-10-751-736-23430	Sequence 23430, A	C 646	14.4	0.7	20	1	US-09-451-673-134	Sequence 134, App
574	14.8	0.7	21	1	US-60-216-745-10265	Sequence 10265, A	C 647	14.4	0.7	20	1	US-09-513-729-54	Sequence 54, Appl
575	14.6	0.7	15	1	US-09-945-505-9	Sequence 9, Appl	C 648	14.4	0.7	20	1	US-09-703-708-13380	Sequence 13380, A
576	14.6	0.7	15	1	US-09-945-505-21	Sequence 21, Appl	C 649	14.4	0.7	20	1	US-10-130-915-55	Sequence 55, Appl
577	14.6	0.7	15	1	US-09-945-505-22	Sequence 22, Appl	C 650	14.4	0.7	20	1	US-10-266-090-46007	Sequence 46007, A
578	14.6	0.7	15	1	US-09-945-505A-9	Sequence 9, Appl	C 651	14.4	0.7	20	1	US-10-303-778-4628	Sequence 4628, App
579	14.6	0.7	15	1	US-09-945-505A-21	Sequence 21, Appl	C 652	14.4	0.7	20	1	US-10-310-188-9668	Sequence 9668, App
580	14.6	0.7	15	1	US-09-945-505A-22	Sequence 22, Appl	C 653	14.4	0.7	20	1	US-10-447-136-134	Sequence 134, App
581	14.4	0.7	16	1	US-09-945-505A-22	Sequence 22, Appl	C 654	14.4	0.7	20	1	US-10-447-136-134	Sequence 134, App
582	14.4	0.7	16	1	US-07-954-185A-39	Sequence 39, Appl	C 655	14.4	0.7	20	1	US-10-452-510-137	Sequence 137, App
583	14.4	0.7	16	1	US-07-954-185A-55	Sequence 55, Appl	C 656	14.4	0.7	20	1	US-10-617-334-137	Sequence 137, App
584	14.4	0.7	16	1	US-07-954-185A-112	Sequence 112, App	C 657	14.4	0.7	20	1	US-10-744-465-137	Sequence 137, App
585	14.4	0.7	16	1	US-09-299-058-39	Sequence 39, Appl	C 658	14.4	0.7	20	1	US-60-164-320-13380	Sequence 13380, A
586	14.4	0.7	16	1	US-09-299-058-55	Sequence 55, Appl	C 659	14.4	0.7	20	1	US-60-183-791-13380	Sequence 13380, A
587	14.4	0.7	16	1	US-09-299-058-112	Sequence 112, App	C 660	14.2	0.7	19	1	PCT-US00-19644A-276	Sequence 276, App
588	14.4	0.7	16	1	US-09-860-784A-144	Sequence 144, App	C 661	14.2	0.7	19	1	PCT-US03-03473-267	Sequence 267, App
589	14.4	0.7	17	1	US-10-707-147-2165	Sequence 2165, App	C 662	14.2	0.7	19	1	PCT-US03-04402-81	Sequence 81, Appl
590	14.4	0.7	17	1	PCT-US02-29102-30	Sequence 30, Appl	C 663	14.2	0.7	19	1	PCT-US03-04402-229	Sequence 229, App
591	14.4	0.7	17	1	PCT-US02-37764-30	Sequence 30, Appl	C 664	14.2	0.7	19	1	US-09-453-607A-3527	Sequence 3527, App
592	14.4	0.7	17	1	PCT-US02-37764-30	Sequence 30, Appl	C 665	14.2	0.7	19	1	US-09-453-607C-3527	Sequence 3527, App
593	14.4	0.7	17	1	US-09-531-025A-212	Sequence 212, App	C 666	14.2	0.7	19	1	US-09-696-791-3527	Sequence 3527, App
594	14.4	0.7	17	1	US-09-531-025A-214	Sequence 214, App	C 667	14.2	0.7	19	1	US-10-266-090-45369	Sequence 45369, A
595	14.4	0.7	17	1	US-09-636-385-212	Sequence 212, App	C 668	14.2	0.7	19	1	US-10-293-338-2073	Sequence 2073, App
596	14.4	0.7	17	1	US-09-636-385-214	Sequence 214, App	C 669	14.2	0.7	19	1	US-10-303-778-14330	Sequence 14330, A
597	14.4	0.7	17	1	US-09-696-347-212	Sequence 212, App	C 670	14.2	0.7	19	1	US-10-310-188-7395	Sequence 7395, App
598	14.4	0.7	17	1	US-09-696-347-214	Sequence 214, App	C 671	14.2	0.7	19	1	US-10-310-188-9730	Sequence 9730, App
599	14.4	0.7	17	1	US-09-780-533A-810	Sequence 810, App	C 672	14.2	0.7	19	1	US-10-310-188-10615	Sequence 10615, A
600	14.4	0.7	17	1	US-09-877-478-212	Sequence 212, App	C 673	14.2	0.7	19	1	US-10-310-188-26459	Sequence 26459, A
601	14.4	0.7	17	1	US-09-877-478-214	Sequence 214, App	C 674	14.2	0.7	19	1	US-10-310-188-39671	Sequence 39671, A
602	14.4	0.7	17	1	US-10-060-830-204	Sequence 204, App	C 675	14.2	0.7	19	1	US-10-310-188-41853	Sequence 41853, A
603	14.4	0.7	17	1	US-10-060-830-205	Sequence 205, App	C 676	14.2	0.7	19	1	US-10-310-188-42107	Sequence 42107, A
604	14.4	0.7	17	1	US-10-302-817A-51	Sequence 51, Appl	C 677	14.2	0.7	20	1	PCT-US01-28082-75	Sequence 75, Appl
605	14.4	0.7	17	1	US-10-303-109A-30	Sequence 30, Appl	C 678	14.2	0.7	20	1	PCT-US01-30549-69	Sequence 69, Appl
606	14.4	0.7	17	1	US-10-310-188-75196	Sequence 75196, A	C 679	14.2	0.7	20	1	PCT-US02-22656-42	Sequence 42, Appl
607	14.4	0.7	17	1	US-10-342-902-212	Sequence 212, App	C 680	14.2	0.7	20	1	PCT-US02-35719-14	Sequence 14, Appl
608	14.4	0.7	17	1	US-10-342-902-214	Sequence 214, App	C 681	14.2	0.7	20	1	PCT-US03-20865-1671	Sequence 1671, App
609	14.4	0.7	17	1	US-10-669-841-212	Sequence 212, App	C 682	14.2	0.7	20	1	PCT-US03-20865-2554	Sequence 2554, App
610	14.4	0.7	17	1	US-10-669-841-214	Sequence 214, App	C 683	14.2	0.7	20	1	PCT-US03-25389-558	Sequence 558, App
611	14.4	0.7	17	1	US-60-325-062-204	Sequence 204, App	C 684	14.2	0.7	20	1	PCT-US99-06317-41	Sequence 41, Appl
612	14.4	0.7	18	1	US-60-325-062-205	Sequence 205, App	C 685	14.2	0.7	20	1	US-07-726-831-12	Sequence 12, Appl
613	14.4	0.7	18	1	US-07-954-185A-38	Sequence 38, Appl	C 686	14.2	0.7	20	1	US-09-548-954A-834	Sequence 834, App
614	14.4	0.7	18	1	US-07-954-185A-54	Sequence 54, Appl	C 687	14.2	0.7	20	1	US-09-548-954A-834	Sequence 834, App
615	14.4	0.7	18	1	US-07-954-185A-111	Sequence 111, App	C 688	14.2	0.7	20	1	US-09-589-606-31	Sequence 31, Appl
616	14.4	0.7	18	1	US-08-472-802A-35	Sequence 35, Appl	C 689	14.2	0.7	20	1	US-09-676-436-69	Sequence 69, Appl
617	14.4	0.7	18	1	US-08-472-802B-35	Sequence 50, Appl	C 690	14.2	0.7	20	1	US-09-700-354A-31	Sequence 31, Appl

691	14.2	0.7	20	1	US-09-703-708-11958	Sequence 11958, A	C 764	13.8	0.6	17	1	US-10-310-188-72805	Sequence 72805, A
692	14.2	0.7	20	1	US-09-703-708-14782	Sequence 14782, A	C 765	13.8	0.6	17	1	US-10-310-188-72831	Sequence 72831, A
693	14.2	0.7	20	1	US-09-712-813-31	Sequence 31, Appl	C 766	13.8	0.6	17	1	US-10-316-954-12929	Sequence 12929, Ap
694	14.2	0.7	20	1	US-09-720-435-61	Sequence 61, Appl	C 767	13.8	0.6	17	1	US-10-430-882-328	Sequence 328, App
695	14.2	0.7	20	1	US-09-720-435A-61	Sequence 61, Appl	C 768	13.8	0.6	17	1	US-10-430-882-328	Sequence 328, App
696	14.2	0.7	20	1	US-09-752-639-31	Sequence 31, Appl	C 769	13.8	0.6	17	1	US-10-471-271-1547	Sequence 1547, Ap
697	14.2	0.7	20	1	US-09-825-489-4	Sequence 4, Appl	C 770	13.8	0.6	17	1	US-10-471-271-1547	Sequence 1547, Ap
698	14.2	0.7	20	1	US-09-912-724-42	Sequence 42, Appl	C 771	13.8	0.6	17	1	US-10-669-841-3859	Sequence 3859, Ap
699	14.2	0.7	20	1	US-09-984-198-31	Sequence 31, Appl	C 772	13.8	0.6	17	1	US-10-707-147-5148	Sequence 5148, Ap
700	14.2	0.7	20	1	US-10-028-517-27	Sequence 27, Appl	C 773	13.8	0.6	17	1	US-10-723-361-971	Sequence 971, App
701	14.2	0.7	20	1	US-10-266-090-41238	Sequence 41238, A	C 774	13.8	0.6	17	1	US-10-723-361-972	Sequence 972, App
702	14.2	0.7	20	1	US-10-266-090-43048	Sequence 43048, A	C 775	13.8	0.6	17	1	US-10-724-270-2031	Sequence 2031, App
703	14.2	0.7	20	1	US-10-266-090-43048	Sequence 43048, A	C 776	13.8	0.6	17	1	US-10-724-270-5019	Sequence 5019, Ap
704	14.2	0.7	20	1	US-10-266-090-43821	Sequence 43821, A	C 777	13.8	0.6	18	1	PCT-US03-37416-20	Sequence 20, Appl
705	14.2	0.7	20	1	US-10-266-090-47293	Sequence 47293, A	C 778	13.8	0.6	18	1	PCT-US96-00362A-67	Sequence 67, Appl
706	14.2	0.7	20	1	US-10-289-762-2388	Sequence 2388, Ap	C 779	13.8	0.6	18	1	US-07-999-706-5	Sequence 5, Appl
707	14.2	0.7	20	1	US-10-289-762-4651	Sequence 4651, Ap	C 780	13.8	0.6	18	1	US-08-170-096-5	Sequence 5, Appl
708	14.2	0.7	20	1	US-10-289-762-5845	Sequence 5845, Ap	C 781	13.8	0.6	18	1	US-09-342-375-67	Sequence 67, Appl
709	14.2	0.7	20	1	US-10-289-845-14	Sequence 14, Appl	C 782	13.8	0.6	18	1	US-09-668-558A-94	Sequence 94, Appl
710	14.2	0.7	20	1	US-10-293-338-5780	Sequence 5780, Ap	C 783	13.8	0.6	18	1	US-09-668-558B-94	Sequence 94, Appl
711	14.2	0.7	20	1	US-10-303-778-1350	Sequence 1350, Ap	C 784	13.8	0.6	18	1	US-09-703-708-14873	Sequence 14873, A
712	14.2	0.7	20	1	US-10-310-188-48869	Sequence 48869, A	C 785	13.8	0.6	18	1	US-09-969-373-4117	Sequence 4117, Ap
713	14.2	0.7	20	1	US-10-310-188-59951	Sequence 59951, A	C 786	13.8	0.6	18	1	US-10-266-090-50685	Sequence 50685, A
714	14.2	0.7	20	1	US-10-310-188-64522	Sequence 64522, A	C 787	13.8	0.6	18	1	US-10-366-090-50690	Sequence 50690, A
715	14.2	0.7	20	1	US-10-317-277A-67	Sequence 67, Appl	C 788	13.8	0.6	18	1	US-10-303-778-5025	Sequence 5025, Ap
716	14.2	0.7	20	1	US-10-349-143A-142	Sequence 142, Ap	C 789	13.8	0.6	18	1	US-10-310-188-6215	Sequence 6215, Ap
717	14.2	0.7	20	1	US-10-371-474-69	Sequence 7116, Ap	C 790	13.8	0.6	18	1	US-10-310-188-9756	Sequence 9756, Ap
718	14.2	0.7	20	1	US-10-380-126-75	Sequence 69, Appl	C 791	13.8	0.6	18	1	US-10-310-188-10552	Sequence 10552, A
719	14.2	0.7	20	1	US-10-384-058-4	Sequence 4, Appl	C 792	13.8	0.6	18	1	US-10-310-188-21226	Sequence 21226, A
720	14.2	0.7	20	1	US-10-483-424-42	Sequence 42, Appl	C 793	13.8	0.6	18	1	US-10-310-188-24811	Sequence 24811, A
721	14.2	0.7	20	1	US-60-164-320-11958	Sequence 11958, A	C 794	13.8	0.6	18	1	US-10-310-188-25793	Sequence 25793, A
722	14.2	0.7	20	1	US-60-164-320-14782	Sequence 14782, A	C 795	13.8	0.6	18	1	US-10-310-188-30755	Sequence 30755, A
723	14.2	0.7	20	1	US-60-183-791-11958	Sequence 11958, A	C 796	13.8	0.6	18	1	US-10-310-188-34620	Sequence 34620, A
724	14.2	0.7	20	1	US-60-183-791-14782	Sequence 14782, A	C 797	13.8	0.6	18	1	US-10-310-188-35499	Sequence 35499, A
725	14	0.6	16	1	US-10-310-188-60224	Sequence 60224, A	C 798	13.8	0.6	18	1	US-10-310-188-85927	Sequence 85927, A
726	14	0.6	17	1	US-10-310-188-9791	Sequence 9791, Ap	C 799	13.8	0.6	18	1	US-10-718-948-20	Sequence 20, Appl
727	14	0.6	18	1	US-09-155-885A-276	Sequence 276, Ap	C 800	13.8	0.6	18	1	US-60-164-320-14873	Sequence 14873, A
728	14	0.6	18	1	US-10-310-188-52565	Sequence 52565, A	C 801	13.8	0.6	18	1	US-60-183-791-14873	Sequence 14873, A
729	14	0.6	18	1	US-10-453-792-276	Sequence 276, Ap	C 802	13.8	0.6	18	1	US-10-321-039-630	Sequence 630, App
730	14	0.6	18	1	US-10-606-879-276	Sequence 276, Ap	C 803	13.8	0.6	19	1	PCT-US00-13327-46	Sequence 46, Appl
731	14	0.6	19	1	PCT-US03-05326-389	Sequence 389, App	C 804	13.8	0.6	19	1	PCT-US00-13327-48	Sequence 48, Appl
732	14	0.6	20	1	PCT-US03-05326-568	Sequence 568, App	C 805	13.8	0.6	19	1	PCT-US02-25943-36695	Sequence 36695, A
733	14	0.6	20	1	PCT-US03-17936-12	Sequence 12, Appl	C 806	13.8	0.6	19	1	PCT-US03-05045-87	Sequence 87, Appl
734	14	0.6	20	1	PCT-US03-25389-521	Sequence 521, App	C 807	13.8	0.6	19	1	PCT-US03-05045-90	Sequence 90, Appl
735	14	0.6	20	1	PCT-US03-25389-523	Sequence 523, App	C 808	13.8	0.6	19	1	PCT-US03-05045-336	Sequence 336, App
736	14	0.6	20	1	PCT-US03-25389-1106	Sequence 1106, Ap	C 809	13.8	0.6	19	1	PCT-US03-05045-339	Sequence 339, App
737	14	0.6	20	1	PCT-US03-25389-1315	Sequence 1315, Ap	C 810	13.8	0.6	19	1	PCT-US03-05045-524	Sequence 524, App
738	14	0.6	20	1	US-09-874-162A-12	Sequence 12, Appl	C 811	13.8	0.6	19	1	PCT-US03-05045-831	Sequence 831, App
739	14	0.6	20	1	US-10-266-090-39932	Sequence 39932, A	C 812	13.8	0.6	19	1	US-09-573-425-46	Sequence 46, Appl
740	13.8	0.6	17	1	PCT-US02-16840-2031	Sequence 2031, Ap	C 813	13.8	0.6	19	1	US-09-573-425-48	Sequence 48, Appl
741	13.8	0.6	17	1	PCT-US02-16840-5019	Sequence 5019, Ap	C 814	13.8	0.6	19	1	US-10-016-490C-24	Sequence 24, Appl
742	13.8	0.6	17	1	PCT-US02-16840A-2031	Sequence 2031, Ap	C 815	13.8	0.6	19	1	US-10-227-565-36695	Sequence 36695, A
743	13.8	0.6	17	1	PCT-US02-16840A-5019	Sequence 5019, Ap	C 816	13.8	0.6	19	1	US-10-251-117-87	Sequence 87, Appl
744	13.8	0.6	17	1	PCT-US02-16840A-5019	Sequence 5019, Ap	C 817	13.8	0.6	19	1	US-10-251-117-336	Sequence 336, App
745	13.8	0.6	17	1	US-09-277-026B-6346	Sequence 6346, Ap	C 818	13.8	0.6	19	1	US-10-251-117-339	Sequence 339, App
746	13.8	0.6	17	1	US-09-277-026B-6359	Sequence 6359, Ap	C 819	13.8	0.6	19	1	US-10-251-117-578	Sequence 578, App
747	13.8	0.6	17	1	US-09-572-021-2010	Sequence 2010, Ap	C 820	13.8	0.6	19	1	US-10-266-090-46529	Sequence 46529, A
748	13.8	0.6	17	1	US-09-740-332-1266	Sequence 1266, Ap	C 821	13.8	0.6	19	1	US-10-293-338-6274	Sequence 6274, Ap
749	13.8	0.6	17	1	US-09-780-164-840	Sequence 840, App	C 822	13.8	0.6	19	1	US-10-303-778-12689	Sequence 12689, A
750	13.8	0.6	17	1	US-09-817-879-1266	Sequence 1266, Ap	C 823	13.8	0.6	19	1	US-10-310-188-1678	Sequence 1678, Ap
751	13.8	0.6	17	1	US-09-825-805-676	Sequence 676, App	C 824	13.8	0.6	19	1	US-10-310-188-6272	Sequence 6272, Ap
752	13.8	0.6	17	1	US-09-848-754A-328	Sequence 328, App	C 825	13.8	0.6	19	1	US-10-310-188-10574	Sequence 10574, A
753	13.8	0.6	17	1	US-09-848-754A-61	Sequence 61, Appl	C 826	13.8	0.6	19	1	US-10-310-188-18123	Sequence 18123, A
754	13.8	0.6	17	1	US-09-863-041A-593	Sequence 593, App	C 827	13.8	0.6	19	1	US-10-310-188-23028	Sequence 23028, A
755	13.8	0.6	17	1	US-09-864-785-583	Sequence 583, App	C 828	13.8	0.6	19	1		
756	13.8	0.6	17	1	US-10-017-974-8720	Sequence 8720, Ap	C 829	13.8	0.6	19	1		
757	13.8	0.6	17	1	US-10-156-306-5078	Sequence 5078, Ap	C 830	13.8	0.6	19	1		
758	13.8	0.6	17	1	US-10-163-552-364	Sequence 364, App	C 831	13.8	0.6	19	1		
759	13.8	0.6	17	1	US-10-238-700-3352	Sequence 3352, Ap	C 832	13.8	0.6	19	1		
760	13.8	0.6	17	1	US-10-294-037A-1194	Sequence 1194, Ap	C 833	13.8	0.6	19	1		
761	13.8	0.6	17	1	US-10-303-778-3691	Sequence 3691, Ap	C 834	13.8	0.6	19	1		
762	13.8	0.6	17	1	US-10-310-188-5982	Sequence 5982, Ap	C 835	13.8	0.6	19	1		
763	13.8	0.6	17	1	US-10-310-188-7330	Sequence 7330, Ap	C 836	13.8	0.6	19	1		

837	19	1	US-10-310-188-33554	Sequence 33554, A	C 910	13.4	0.6	18	1	US-10-108-732-47	Sequence 47, Appl
838	19	1	US-10-310-188-34905	Sequence 34905, A	C 911	13.4	0.6	18	1	US-10-209-324-32	Sequence 32, Appl
839	19	1	US-10-310-188-72813	Sequence 72813, A	C 912	13.4	0.6	18	1	US-10-227-563-18207	Sequence 18207, A
840	19	1	US-10-310-188-72814	Sequence 72814, A	C 913	13.4	0.6	18	1	US-10-282-174-162	Sequence 162, Appl
841	19	1	US-10-310-188-75577	Sequence 75577, A	C 914	13.4	0.6	18	1	US-10-294-040-54	Sequence 54, Appl
842	19	1	US-10-310-188-75577	Sequence 75577, A	C 915	13.4	0.6	18	1	US-10-294-040-279	Sequence 279, Appl
843	19	1	US-10-310-188-78419	Sequence 78419, A	C 916	13.4	0.6	18	1	US-10-310-188-82210	Sequence 82210, A
844	19	1	US-60-216-745-36695	Sequence 36695, A	C 917	13.4	0.6	18	1	US-10-349-143-5085	Sequence 5085, Ap
845	21	1	US-60-729-043-2	Sequence 2, Appl	C 918	13.4	0.6	18	1	US-10-367-892-18207	Sequence 18207, A
846	15	1	PCT-US02-25944-7396	Sequence 7396, Ap	C 919	13.4	0.6	18	1	US-10-453-792-270	Sequence 270, App
847	15	1	PCT-US02-25944-7448	Sequence 7448, Ap	C 920	13.4	0.6	18	1	US-10-453-792-272	Sequence 272, App
848	15	1	US-10-227-564-7396	Sequence 7396, Ap	C 921	13.4	0.6	18	1	US-10-453-792-273	Sequence 273, App
849	15	1	US-10-227-564-7448	Sequence 7448, Ap	C 922	13.4	0.6	18	1	US-10-464-158-18	Sequence 18, Appl
850	15	1	US-10-287-787-10375	Sequence 10375, A	C 923	13.4	0.6	18	1	US-10-600-009-162	Sequence 162, App
851	15	1	US-10-287-787-11243	Sequence 11243, A	C 924	13.4	0.6	18	1	US-10-606-879-270	Sequence 270, App
852	16	1	PCT-US02-25940-3485	Sequence 3485, Ap	C 925	13.4	0.6	18	1	US-10-606-879-272	Sequence 272, App
853	16	1	PCT-US03-40978-73653	Sequence 73653, A	C 926	13.4	0.6	18	1	US-60-216-745-8219	Sequence 8219, Ap
854	16	1	US-09-573-684-10	Sequence 10, Appl	C 927	13.4	0.6	18	1	US-60-492-056-743	Sequence 743, App
855	16	1	US-10-227-563-3485	Sequence 3485, Ap	C 928	13.4	0.6	18	1	PCT-US00-22029-11	Sequence 11, Appl
856	16	1	US-10-294-040-85	Sequence 85, Appl	C 929	13.4	0.6	19	1	PCT-US03-03473-41	Sequence 41, Appl
857	16	1	US-10-310-188-78695	Sequence 78695, A	C 930	13.4	0.6	19	1	PCT-US03-03473-352	Sequence 352, App
858	16	1	US-10-367-892-3485	Sequence 3485, Ap	C 931	13.4	0.6	19	1	PCT-US03-03662-178	Sequence 178, App
859	16	1	US-10-659-948A-10	Sequence 10, Appl	C 932	13.4	0.6	19	1	PCT-US03-03662-417	Sequence 417, App
860	16	1	US-10-659-980A-10	Sequence 10, Appl	C 933	13.4	0.6	19	1	PCT-US03-04908-231	Sequence 231, App
861	16	1	US-10-659-980A-10	Sequence 10, Appl	C 934	13.4	0.6	19	1	PCT-US03-04908-645	Sequence 645, App
862	16	1	PCT-US03-40978-73370	Sequence 73370, A	C 935	13.4	0.6	19	1	PCT-US03-40978-73310	Sequence 73310, A
863	17	1	US-09-531-025A-909	Sequence 909, App	C 936	13.4	0.6	19	1	Sequence 11, Appl	Sequence 11, Appl
864	17	1	US-09-531-025A-1602	Sequence 1602, Ap	C 937	13.4	0.6	19	1	Sequence 55, Appl	Sequence 55, Appl
865	17	1	US-09-541-946-1657	Sequence 1657, Ap	C 938	13.4	0.6	19	1	Sequence 58, Appl	Sequence 58, Appl
866	17	1	US-09-541-946-1659	Sequence 1659, Ap	C 939	13.4	0.6	19	1	Sequence 637, App	Sequence 637, App
867	17	1	US-09-546-745A-6637	Sequence 6637, Ap	C 940	13.4	0.6	19	1	Sequence 1244, Ap	Sequence 1244, Ap
868	17	1	US-09-572-021-1505	Sequence 1505, Ap	C 941	13.4	0.6	19	1	Sequence 1283, Ap	Sequence 1283, Ap
869	17	1	US-09-636-385-909	Sequence 909, App	C 942	13.4	0.6	19	1	Sequence 3206, Ap	Sequence 3206, Ap
870	17	1	US-09-636-385-1602	Sequence 1602, Ap	C 943	13.4	0.6	19	1	Sequence 652, Ap	Sequence 652, Ap
871	17	1	US-09-696-347-909	Sequence 909, App	C 944	13.4	0.6	19	1	Sequence 11820, A	Sequence 11820, A
872	17	1	US-09-696-347-1602	Sequence 1602, Ap	C 945	13.4	0.6	19	1	Sequence 9763, Ap	Sequence 9763, Ap
873	17	1	US-09-780-533A-1806	Sequence 1806, Ap	C 946	13.4	0.6	19	1	Sequence 21659, A	Sequence 21659, A
874	17	1	US-09-780-533A-2377	Sequence 2377, Ap	C 947	13.4	0.6	19	1	Sequence 59914, A	Sequence 59914, A
875	17	1	US-09-818-875-559	Sequence 559, App	C 948	13.4	0.6	19	1	Sequence 72707, A	Sequence 72707, A
876	17	1	US-09-818-875-560	Sequence 560, App	C 949	13.4	0.6	19	1	Sequence 7262, Ap	Sequence 7262, Ap
877	17	1	US-09-877-478-909	Sequence 909, App	C 950	13.4	0.6	19	1	Sequence 3515, Ap	Sequence 3515, Ap
878	17	1	US-09-877-478-1602	Sequence 1602, Ap	C 951	13.4	0.6	19	1	Sequence 1738, Ap	Sequence 1738, Ap
879	17	1	US-10-060-830-203	Sequence 203, App	C 952	13.4	0.6	19	1	Sequence 26190, A	Sequence 26190, A
880	17	1	US-10-060-830-206	Sequence 206, App	C 953	13.4	0.6	19	1	Sequence 20, Appl	Sequence 20, Appl
881	17	1	US-10-209-787-559	Sequence 559, App	C 954	13.4	0.6	19	1	Sequence 1535, Ap	Sequence 1535, Ap
882	17	1	US-10-209-787-559	Sequence 559, App	C 955	13.4	0.6	19	1	Sequence 67, Appl	Sequence 67, Appl
883	17	1	US-10-261-185-559	Sequence 559, App	C 956	13.4	0.6	19	1	Sequence 142, App	Sequence 142, App
884	17	1	US-10-261-185-560	Sequence 560, App	C 957	13.4	0.6	19	1	Sequence 165, App	Sequence 165, App
885	17	1	US-10-261-185-560	Sequence 560, App	C 958	13.4	0.6	19	1	Sequence 29066, A	Sequence 29066, A
886	17	1	US-10-310-188-37271	Sequence 37271, A	C 959	13.4	0.6	19	1	Sequence 51780, A	Sequence 51780, A
887	17	1	US-10-339-782-328	Sequence 328, App	C 960	13.4	0.6	19	1	Sequence 60330, A	Sequence 60330, A
888	17	1	US-10-342-902-909	Sequence 909, App	C 961	13.4	0.6	20	1	Sequence 341, App	Sequence 341, App
889	17	1	US-10-342-902-1602	Sequence 1602, Ap	C 962	13.2	0.6	20	1	Sequence 343, App	Sequence 343, App
890	17	1	US-10-623-107-559	Sequence 559, App	C 963	13.2	0.6	18	1	Sequence 74, Appl	Sequence 74, Appl
891	17	1	US-10-623-107-560	Sequence 559, App	C 964	13.2	0.6	18	1	Sequence 26, Appl	Sequence 26, Appl
892	17	1	US-10-669-841-909	Sequence 909, App	C 965	13.2	0.6	18	1	Sequence 221, App	Sequence 221, App
893	17	1	US-10-669-841-1602	Sequence 1602, Ap	C 966	13.2	0.6	18	1	Sequence 26, Appl	Sequence 26, Appl
894	17	1	US-10-681-074-559	Sequence 559, App	C 967	13.2	0.6	18	1	Sequence 1, Appl	Sequence 1, Appl
895	17	1	US-10-681-074-560	Sequence 560, App	C 968	13.2	0.6	18	1	Sequence 47, Appl	Sequence 47, Appl
896	17	1	US-10-723-361-973	Sequence 973, App	C 969	13.2	0.6	18	1	Sequence 72, Appl	Sequence 72, Appl
897	17	1	US-10-723-361-974	Sequence 974, App	C 970	13.2	0.6	18	1	Sequence 26, Appl	Sequence 26, Appl
898	17	1	US-10-741-600-73370	Sequence 73370, A	C 971	13.2	0.6	18	1	Sequence 221, App	Sequence 221, App
899	17	1	US-60-325-062-206	Sequence 203, App	C 972	13.2	0.6	18	1	Sequence 1083, Ap	Sequence 1083, Ap
900	17	1	US-60-325-062-206	Sequence 206, App	C 973	13.2	0.6	18	1	Sequence 1090, Ap	Sequence 1090, Ap
901	18	1	PCT-US02-00985-19	Sequence 19, Appl	C 974	13.2	0.6	18	1	Sequence 1101, Ap	Sequence 1101, Ap
902	18	1	PCT-US02-24115-32	Sequence 32, Appl	C 975	13.2	0.6	18	1	Sequence 251, App	Sequence 251, App
903	18	1	PCT-US02-25940-18207	Sequence 18207, A	C 976	13.2	0.6	18	1		
904	18	1	PCT-US02-34679-162	Sequence 162, App	C 977	13.2	0.6	18	1		
905	18	1	PCT-US03-07585-40	Sequence 40, Appl	C 978	13.2	0.6	18	1		
906	18	1	PCT-IL02-00985-19	Sequence 19, Appl	C 979	13.2	0.6	18	1		
907	18	1	US-09-155-885A-270	Sequence 270, App	C 980	13.2	0.6	18	1		
908	18	1	US-09-155-885A-272	Sequence 272, App	C 981	13.2	0.6	18	1		
909	18	1	US-09-857-278-18	Sequence 18, Appl	C 982	13.2	0.6	18	1		


```
; PRIOR APPLICATION NUMBER: 07/821,750
; PRIOR FILING DATE: 1992-01-02
; PRIOR APPLICATION NUMBER: 07/511,430
; PRIOR FILING DATE: 1990-04-20
; NUMBER OF SEQ ID NOS: 87
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 9
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(30)
US-09-792-356-9

Query Match
Best Local Similarity 1.4%; Score 30; DB 1; Length 30;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 859 GTTAAGGCGACTGAGGACTCAGGCACCACA 888
DB 1 GTTAAGGCGACTGAGGACTCAGGCACCACA 30

RESULT 3
US-09-898-234-9
; Sequence 9, Application US/09898234
; GENERAL INFORMATION:
; APPLICANT: Hauptmann, Rudolph
; APPLICANT: Himmler, Adolph
; APPLICANT: Maurer-Fogy, Ingrid
; APPLICANT: Stratowa, Christian
; TITLE OF INVENTION: TNF Receptors, TNF Binding Proteins and DNAs Coding for
; FILE REFERENCE: 98,385-I
; CURRENT APPLICATION NUMBER: US/09/898,234
; CURRENT FILING DATE: 2001-07-03
; PRIOR APPLICATION NUMBER: 09/525,998
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 08/383,676
; PRIOR FILING DATE: 1995-02-01
; PRIOR APPLICATION NUMBER: 08/153,287
; PRIOR FILING DATE: 1993-11-17
; PRIOR APPLICATION NUMBER: 07/821,750
; PRIOR FILING DATE: 1992-01-02
; PRIOR APPLICATION NUMBER: 07/511,430
; PRIOR FILING DATE: 1990-04-20
; NUMBER OF SEQ ID NOS: 87
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 9
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(30)
US-09-898-234-9

Query Match
Best Local Similarity 1.4%; Score 30; DB 1; Length 30;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 859 GTTAAGGCGACTGAGGACTCAGGCACCACA 888
DB 1 GTTAAGGCGACTGAGGACTCAGGCACCACA 30

RESULT 4
US-09-899-422-9
; Sequence 9, Application US/09899422
; GENERAL INFORMATION:
; APPLICANT: Hauptmann, Rudolph
; APPLICANT: Himmler, Adolph
; APPLICANT: Maurer-Fogy, Ingrid
; APPLICANT: Stratowa, Christian
; TITLE OF INVENTION: TNF Receptors, TNF Binding Proteins and DNAs Coding for
; FILE REFERENCE: 98,385-J
; CURRENT APPLICATION NUMBER: US/09/899,429
; CURRENT FILING DATE: 2001-07-03
; PRIOR APPLICATION NUMBER: 09/792,356
; PRIOR FILING DATE: 2000-02-23
; PRIOR APPLICATION NUMBER: 08/477,639
; PRIOR FILING DATE: 1995-06-07
; PRIOR APPLICATION NUMBER: 08/383,676
; PRIOR FILING DATE: 1995-02-01
; PRIOR APPLICATION NUMBER: 08/153,287
; PRIOR FILING DATE: 1993-11-17
; PRIOR APPLICATION NUMBER: 07/821,750
; PRIOR FILING DATE: 1992-01-02
; PRIOR APPLICATION NUMBER: 07/511,430
; PRIOR FILING DATE: 1990-04-20
; NUMBER OF SEQ ID NOS: 87
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 9
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(30)
US-09-899-422-9

Query Match
Best Local Similarity 1.4%; Score 30; DB 1; Length 30;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 859 GTTAAGGCGACTGAGGACTCAGGCACCACA 888
DB 1 GTTAAGGCGACTGAGGACTCAGGCACCACA 30

RESULT 5
US-09-899-429-9
; Sequence 9, Application US/09899429
; GENERAL INFORMATION:
; APPLICANT: Hauptmann, Rudolph
; APPLICANT: Himmler, Adolph
; APPLICANT: Maurer-Fogy, Ingrid
; APPLICANT: Stratowa, Christian
; TITLE OF INVENTION: TNF Receptors, TNF Binding Proteins and DNAs Coding for
; FILE REFERENCE: 98,385-J
; CURRENT APPLICATION NUMBER: US/09/899,429
; CURRENT FILING DATE: 2001-07-03
; PRIOR APPLICATION NUMBER: 09/792,356
; PRIOR FILING DATE: 2000-02-23
; PRIOR APPLICATION NUMBER: 08/477,639
; PRIOR FILING DATE: 1995-06-07
; PRIOR APPLICATION NUMBER: 08/383,676
; PRIOR FILING DATE: 1995-02-01
; PRIOR APPLICATION NUMBER: 08/153,287
; PRIOR FILING DATE: 1993-11-17
; PRIOR APPLICATION NUMBER: 07/821,750
; PRIOR FILING DATE: 1992-01-02
; PRIOR APPLICATION NUMBER: 07/511,430
; PRIOR FILING DATE: 1990-04-20
; NUMBER OF SEQ ID NOS: 87
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 9
; LENGTH: 30
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: CDS
; LOCATION: (1)..(30)
US-09-899-429-9
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Best Local Similarity 100.0%; Pred. No. 19;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1168 CCCAACTTGGCGCTCCCGCAGA 1191
Db 24 CCCAACTTGGCGCTCCCGCAGA 1

RESULT 9
US-08-190-412B-210
; Sequence 210, Application US/08190412B
; GENERAL INFORMATION:
; APPLICANT: H. Goldstein, et al.
; TITLE OF INVENTION: PCR PRIMER PAIRS AND METHOD OF USE
; TITLE OF INVENTION: DETECTING GENE EXPRESSION DURING PATHOGENESIS OF
; NUMBER OF SEQUENCES: 262
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Law Office of Sherman and Shalloway
; STREET: 413 N. Washington Street
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: USA
; ZIP: 22313
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 5.25 inch, 360 kb storage
; COMPUTER: Dell System 210; Intel 80 286
; COMPUTER: Microprocessor
; OPERATING SYSTEM: MS DOS 3.3
; SOFTWARE: Word Perfect, Version 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/190,412B
; FILING DATE:
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Richard A. Steinberg
; REGISTRATION NUMBER: 26,588
; REFERENCE/DOCKET NUMBER: BOG-143
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 549-2282
; TELEFAX: (703) 836-0106
; INFORMATION FOR SEQ ID NO: 210:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 nucleotides
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: genomic DNA
; HYPOTHETICAL: no
; ORIGINAL SOURCE:
; ORGANISM: human and mouse
; FEATURE:
; NAME/KEY: TNF-RECEPTOR IVS
; US-08-190-412B-210

Query Match 1.1%; Score 23; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 28;
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1087 GGCTTACCCCTCCCTGGGCTT 1109
Db 1 GGCTTACCCCTCCCTGGGCTT 23

RESULT 10
US-10-409-107A-1
; Sequence 1, Application US/10409107A
; GENERAL INFORMATION:
; APPLICANT: Yanai, Yoshiaki
; APPLICANT: YAMAMOTO, Shigeto
; APPLICANT: YAMAMOTO, Kozo
; APPLICANT: IKEGAMI, Hakuo
; TITLE OF INVENTION: Method for estimating therapeutic efficacy of tumor necrosis
```

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; TITLE OF INVENTION: factor
; FILE REFERENCE: YANAI=3
; CURRENT APPLICATION NUMBER: US/10/409,107A
; CURRENT FILING DATE: 2003-04-19
; PRIOR APPLICATION NUMBER: JP 107126/2002
; PRIOR FILING DATE: 2002-04-09
; NUMBER OF SEQ ID NOS: 100
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Oligonucleotide used as primer for PCR detection of TNF-R55 mRNA
US-10-409-107A-1

Query Match 1.0%; Score 22; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 36;
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 725 CCTGCCAGGAGAAACAGAACAC 746
Db 1 CCTGCCAGGAGAAACAGAACAC 22

RESULT 11
US-10-380-438-15/c
; Sequence 15, Application US/10380438
; GENERAL INFORMATION:
; APPLICANT: Pfizenmaier, Klaus
; TITLE OF INVENTION: FUSION PROTEIN FROM ANTIBODY CYTOKINE-CYTOKINE INHIBITOR (SELECTC
; TITLE OF INVENTION: FOR USE AS A TRAGET-SPECIFIC PRODRUG
; FILE REFERENCE: MBP-020XX
; CURRENT APPLICATION NUMBER: US/10/380,438
; CURRENT FILING DATE: 2003-07-22
; PRIOR APPLICATION NUMBER: DE 100 45 592.1
; PRIOR FILING DATE: 2000-09-15
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 15
; LENGTH: 29
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of the artificial sequence: Primer 6 for
; OTHER INFORMATION: the amplification of a TNFRI-Fragments
US-10-380-438-15

Query Match 1.0%; Score 21; DB 1; Length 29;
Best Local Similarity 82.8%; Pred. No. 71;
Matches 24; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 739 CAGAACACCGTGTGCACCTGCCATGCAGG 767
Db 29 CAGAACACCGTGTGCACCGATCCGCAGG 1

RESULT 12
US-08-529-190A-7
; Sequence 7, Application US/08529190A
; GENERAL INFORMATION:
; APPLICANT: Masucci, Maria G.
; TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES
; TITLE OF INVENTION: CONFERRING INVISIBILITY TO THE IMMUNE SYSTEM
; NUMBER OF SEQUENCES: 63
; CORRESPONDENCE ADDRESS:
; ADDRESSER: Banner & Allegretti
; STREET: 75 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
```

;; MEDIUM TYPE: Diskette
;; COMPUTER: IBM Compatible
;; OPERATING SYSTEM: DOS
;; SOFTWARE: Wordperfect 6.1
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/529,190A
;; FILING DATE: 15-SEP-1995
;; CLASSIFICATION: 514
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER:
;; FILING DATE:
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Williams, Ph.D., Kathleen A
;; REGISTRATION NUMBER: 34,380
;; REFERENCE/DOCKET NUMBER: THERE-005AX
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 617-345-9100
;; TELEFAX: 617-345-9111
;; TELEX:
;; INFORMATION FOR SEQ ID NO: 7:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 24 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: Genomic DNA
;; HYPOTHETICAL: NO
;; ANTI-SENSE: NO
;; FRAGMENT TYPE:
;; ORIGINAL SOURCE:
US-08-529-190A-7

Query Match 1.0%; Score 20.8; DB 1; Length 24;
Best Local Similarity 91.7%; Pred. No. 61;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1125 TTCCACCTTCACCTCCAGTCCAC 1148
||||| |||||||||
Db 1 TTCCACCGCACCTCCAGTCCAC 24

RESULT 13
US-08-733-369A-63
;; Sequence 63, Application US/08/733369A
;; GENERAL INFORMATION:
;; APPLICANT: Masucci, Maria G.
;; TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES CONFERRING
;; TITLE OF INVENTION: INVISIBILITY TO THE IMMUNE SYSTEM.
;; NUMBER OF SEQUENCES: 123
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Kathleen M. Williams, Banner & Witcoff, Ltd.
;; STREET: One Financial Center
;; CITY: Boston
;; STATE: Massachusetts
;; COUNTRY: USA
;; ZIP: 02111
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Wordperfect 6.1a
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/733,369A
;; FILING DATE: 17 October, 1996
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/522,995
;; FILING DATE: 01-SEP-1995
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/529,190
;; FILING DATE: 15-SEP-1995
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: SE 95013249
;; FILING DATE: 10-APR-1995

;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: PCT/GB96/00876
;; FILING DATE: 10-APR-1996
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Williams, Kathleen M.
;; REGISTRATION NUMBER: 34,380
;; REFERENCE/DOCKET NUMBER: 95-1391-D
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 617-345-9100
;; TELEFAX: 617-345-9111
;; INFORMATION FOR SEQ ID NO: 63:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 24 bases
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: other nucleic acid
US-08-733-369A-63

Query Match 1.0%; Score 20.8; DB 1; Length 24;
Best Local Similarity 91.7%; Pred. No. 61;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1125 TTCCACCTTCACCTCCAGTCCAC 1148
||||| |||||||||
Db 1 TTCCACCGCACCTCCAGTCCAC 24

RESULT 14
US-08-970-900-57
;; Sequence 57, Application US/08970900
;; GENERAL INFORMATION:
;; APPLICANT: Masucci, Maria G.
;; TITLE OF INVENTION: FUSION PROTEINS HAVING INCREASED HALF-LIVES.
;; NUMBER OF SEQUENCES: 91
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Kathleen M. Williams, Banner & Witcoff, Ltd.
;; STREET: One Financial Center
;; CITY: Boston
;; STATE: Massachusetts
;; COUNTRY: USA
;; ZIP: 02111
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Wordperfect 6.1a
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/970,900
;; FILING DATE: 14-NOV-1997
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 60/030,986
;; FILING DATE: 15-NOV-1996
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 60/048,945
;; FILING DATE: 25-JUN-1997
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Williams, Kathleen M.
;; REGISTRATION NUMBER: 34,380
;; REFERENCE/DOCKET NUMBER: 3255/59831
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 617-345-9100
;; TELEFAX: 617-345-9111
;; INFORMATION FOR SEQ ID NO: 57:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 24 bases
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: other nucleic acid
US-08-970-900-57

Query Match 1.0%; Score 20.8; DB 1; Length 24;

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Best Local Similarity 91.7%; Pred. No. 61;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1125 TTCCACCTTCACCTCCAGCTCCAC 1148
Db 1 TTCCACCCGCACTCCAGCTCCAC 24

RESULT 15
US-60-507-481-32118
; Sequence 32118, Application US/60507481
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; TITLE OF INVENTION: NUCLEIC ACID ARRAYS FOR DETECTING GENE EXPRESSION IN ANIMAL
; TITLE OF INVENTION: MODLES OF INFLAMMATORY DISEASES
; FILE REFERENCE: AM101084
; CURRENT APPLICATION NUMBER: US/60/507,481
; CURRENT FILING DATE: 2003-10-02
; NUMBER OF SEQ ID NOS: 210107
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 32118
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Canis familiaris
US-60-507-481-32118

Query Match 0.9%; Score 20.2; DB 1; Length 25;
Best Local Similarity 88.0%; Pred. No. 80;
Matches 22; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 737 AACAGAACCGGTGTGCACCTGCCA 761
Db 1 AGCAGAACCATATGCACTGCCA 25

RESULT 16
PCT-US95-05854-2/c
; Sequence 2, Application PC/TUS9505854
; GENERAL INFORMATION:
; APPLICANT:
; TITLE OF INVENTION: MODULATOR OF TNF/NGF SUPERFAMILY RECEPTORS
; TITLE OF INVENTION: AND SOLUBLE OLIGOMERIC TNF/NGF SUPERFAMILY RECEPTORS
; NUMBER OF SEQUENCES: 25
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BROWDY AND NEIMARK
; STREET: 419 Seventh Street, N.W., Suite 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION NUMBER: PCT/US95/05854
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: IL 109,632
; FILING DATE: 11-MAY-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/747,562
; FILING DATE: 11-MAY-1995
; APPLICATION NUMBER: PCT/US95/05854
; FILING DATE: 11-MAY-1994
; APPLICATION NUMBER: IL 109,632
; FILING DATE: 02-OCT-1994
; APPLICATION NUMBER: IL 111,125
; FILING DATE: 02-OCT-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: BROWDY, Roger L.
; REGISTRATION NUMBER: 25,618
; REFERENCE/DOCKET NUMBER: WALLACH=15 PCT
; TELEPHONE: 202-628-5197
; TELEFAX: 202-737-3528
; TELEX: 248633
; INFORMATION FOR SEQ ID NO: 2:
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; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
PCT-US95-05854-2

Query Match 0.9%; Score 20; DB 1; Length 28;
Best Local Similarity 100.0%; Pred. No. 97;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 871 GAGGACTCAGGCACACACAGT 890
Db 28 GAGGACTCAGGCACACACAGT 9

RESULT 17
US-10-349-977-2/c
; Sequence 2, Application US/10349977
; GENERAL INFORMATION:
; APPLICANT: WALLACH, David
; BOLDIN, Mark
; METT, Igor
; VARFOLOMEYEV, Eugene
; TITLE OF INVENTION: MODULATOR OF TNF/NGF SUPERFAMILY RECEPTORS
; AND SOLUBLE OLIGOMERIC TNF/NGF SUPERFAMILY RECEPTORS
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BROWDY AND NEIMARK
; STREET: 419 Seventh Street, N.W., Suite 300
; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/349,977
; FILING DATE: 24-Jan-2003
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/747,562
; FILING DATE: 11-MAY-1995
; APPLICATION NUMBER: PCT/US95/05854
; FILING DATE: 11-MAY-1994
; APPLICATION NUMBER: IL 109,632
; FILING DATE: 02-OCT-1994
; APPLICATION NUMBER: IL 111,125
; FILING DATE: 02-OCT-1994
; ATTORNEY/AGENT INFORMATION:
; NAME: BROWDY, Roger L.
; REGISTRATION NUMBER: 25,618
; REFERENCE/DOCKET NUMBER: WALLACH=15A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-628-5197
; TELEFAX: 202-737-3528
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 28 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 2:
US-10-349-977-2
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```
Query Match 0.9%; Score 20; DB 1; Length 28;
Best Local Similarity 100.0%; Pred. No. 97;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
QY 871 GAGGACTCAGGCACACAGT 890
Db 28 GAGGACTCAGGCACACAGT 9

RESULT 18
US-10-355-577-313303
; Sequence 313303, Application US/10355577
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/10/355,577
; CURRENT FILING DATE: 2003-01-31
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 313303
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-355-577-313303

Query Match 0.9%; Score 19.8; DB 1; Length 25;
Best Local Similarity 91.3%; Pred. No. 92;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 976 TCCAAAGCTCTACTCCATTGTTG 998
Db 3 TCCAAAGCTCTACTCTATTGTTG 25

RESULT 19
US-60-353-987-313303
; Sequence 313303, Application US/60353987
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/60/353,987
; CURRENT FILING DATE: 2002-02-01
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 313303
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-60-353-987-313303

Query Match 0.9%; Score 19.8; DB 1; Length 25;
Best Local Similarity 91.3%; Pred. No. 92;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 976 TCCAAAGCTCTACTCCATTGTTG 998
Db 3 TCCAAAGCTCTACTCTATTGTTG 25

RESULT 20
US-08-529-190A-10
; Sequence 10, Application US/08529190A
; GENERAL INFORMATION:
; APPLICANT: Masucci, Maria G.
; TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES
; TITLE OF INVENTION: CONFERRING INVISIBILITY TO THE IMMUNE SYSTEM
; NUMBER OF SEQUENCES: 63
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Allegretti
; STREET: 75 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:

QY 871 GAGGACTCAGGCACACAGT 890
Db 28 GAGGACTCAGGCACACAGT 9

RESULT 18
US-10-355-577-313303
; Sequence 313303, Application US/10355577
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/10/355,577
; CURRENT FILING DATE: 2003-01-31
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 313303
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-355-577-313303

Query Match 0.9%; Score 19.8; DB 1; Length 25;
Best Local Similarity 91.3%; Pred. No. 92;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 976 TCCAAAGCTCTACTCCATTGTTG 998
Db 3 TCCAAAGCTCTACTCTATTGTTG 25

RESULT 19
US-60-353-987-313303
; Sequence 313303, Application US/60353987
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/60/353,987
; CURRENT FILING DATE: 2002-02-01
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 313303
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-60-353-987-313303

Query Match 0.9%; Score 19.8; DB 1; Length 25;
Best Local Similarity 91.3%; Pred. No. 92;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 976 TCCAAAGCTCTACTCCATTGTTG 998
Db 3 TCCAAAGCTCTACTCTATTGTTG 25

RESULT 20
US-08-529-190A-10
; Sequence 10, Application US/08529190A
; GENERAL INFORMATION:
; APPLICANT: Masucci, Maria G.
; TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES
; TITLE OF INVENTION: CONFERRING INVISIBILITY TO THE IMMUNE SYSTEM
; NUMBER OF SEQUENCES: 63
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Witcoff, Ltd.
; STREET: One Financial Center
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02111
; COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: Wordperfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/529,190A
FILING DATE: 15-SEP-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Williams, Ph.D., Kathleen A
REGISTRATION NUMBER: 34,380
REFERENCE/DOCKET NUMBER: THERE-005AX
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-345-9100
TELEFAX: 617-345-9111
TELEX:
INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Genomic DNA
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE:
ORIGINAL SOURCE:
US-08-529-190A-10

Query Match 0.9%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 1.1e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1125 TTCCACCTTCACCTCCAGCTCCAC 1148
Db 1 TTCCACCCGACCTCCAGCTCCTC 24

RESULT 21
US-08-733-369A-66
; Sequence 66, Application US/08733369A
; GENERAL INFORMATION:
; APPLICANT: Masucci, Maria G.
; TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES CONFERRING
; TITLE OF INVENTION: INVISIBILITY TO THE IMMUNE SYSTEM
; NUMBER OF SEQUENCES: 123
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Kathleen M. Williams, Banner & Witcoff, Ltd.
; STREET: One Financial Center
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02111
; COMPUTER READABLE FORM:

MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordperfect 6.1a
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/733,369A
FILING DATE: 17 October, 1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/522,995
FILING DATE: 01-SEP-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/529,190
FILING DATE: 15-SEP-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: SE 95013249
FILING DATE: 10-APR-1995
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; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB96/00876
; FILING DATE: 10-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Williams, Kathleen M.
; REGISTRATION NUMBER: 34,380
; REFERENCE/DOCKET NUMBER: 95-1391-D
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-345-9100
; TELEFAX: 617-345-9111
; INFORMATION FOR SEQ ID NO: 66:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; US-08-733-369A-66

Query Match 0.9%; Score 19.2; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 1.1e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1125 TTCCACCTTCACTCCAGCTCCAC 1148
Db 1 TTCCACCGGCACCTCCAGCTCCTC 24

RESULT 22
US-08-970-900-59
; Sequence 59, Application US/08970900
; GENERAL INFORMATION:
; APPLICANT: Masucci, Maria G.
; TITLE OF INVENTION: FUSION PROTEINS HAVING INCREASED HALF-LIVES.
; NUMBER OF SEQUENCES: 91
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Kathleen M. Williams, Banner & Witcoff, Ltd.
; STREET: One Financial Center
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Wordperfect 6.1a
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/970,900
; FILING DATE: 14-NOV-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/030,986
; FILING DATE: 15-NOV-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/048,945
; FILING DATE: 25-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Williams, Kathleen M.
; REGISTRATION NUMBER: 34,380
; REFERENCE/DOCKET NUMBER: 3255/59831
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-345-9100
; TELEFAX: 617-345-9111
; INFORMATION FOR SEQ ID NO: 59:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; US-08-970-900-59

Query Match 0.9%; Score 19.2; DB 1; Length 24;

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Best Local Similarity 87.5%; Pred. No. 1.1e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1125 TTCCACCTTCACTCCAGCTCCAC 1148
Db 1 TTCCACCGGCACCTCCAGCTCCTC 24

RESULT 23
US-09-954-427-80683
; Sequence 80683, Application US/09954427
; GENERAL INFORMATION:
; APPLICANT: Mittmann
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat
; FILE REFERENCE: 3112
; CURRENT FILING DATE: 2001-09-17
; CURRENT APPLICATION NUMBER: US/09/954,427
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 80683
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AA819663
; US-09-954-427-80683

Query Match 0.9%; Score 19.2; DB 1; Length 25;
Best Local Similarity 87.5%; Pred. No. 1.1e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 966 ACGGTGGAGTCCAGCTCTACTC 989
Db 1 ACGGTGTGAGCCCAAGCTCTACTC 24

RESULT 24
US-09-954-427A-236276/c
; Sequence 236276, Application US/09954427A
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat Genome
; FILE REFERENCE: 3112.1
; CURRENT APPLICATION NUMBER: US/09/954,427A
; CURRENT FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: 60/233,166
; PRIOR FILING DATE: 2000-09-18
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 236276
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus Norvegicus
; US-09-954-427A-236276

Query Match 0.9%; Score 19.2; DB 1; Length 25;
Best Local Similarity 87.5%; Pred. No. 1.1e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1 863 AGGCGACTGAGGACTCAGGCACCA 886
Db 25 AGCGCGCTGAGGACTCTGGCACCA 2

RESULT 25
US-60-233-166-80683
; Sequence 80683, Application US/60233166
; GENERAL INFORMATION:
; APPLICANT: Mittmann
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat

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; TITLE OF INVENTION: Genome
; FILE REFERENCE: 3112
; CURRENT APPLICATION NUMBER: US/60/233,166
; CURRENT FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: FaSTSeq for Windows Version 4.0
; SEQ ID NO 80683
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AA819663
US-60-233-166-80683

Query Match          0.9%; Score 19.2; DB 1; Length 25;
Best Local Similarity 87.5%; Pred. No. 1.1e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 966 ACGGTGGAAGTCCCAAGCTCTACTC 989
Db 1 ACGGTGTGAGCCCAAGCTCTACTC 24

RESULT 26
US-09-980-469-20/c
; Sequence 20, Application US/09980469
; GENERAL INFORMATION:
; APPLICANT: Ziv, Shani
; APPLICANT: Shoseyov, Oded
; TITLE OF INVENTION: PROCESS OF EXPRESSING AND ISOLATING RECOMBINANT PROTEINS AND RECOMBINANT
; FILE REFERENCE: 01/22924
; CURRENT APPLICATION NUMBER: US/09/980,469
; CURRENT FILING DATE: 2000-06-07
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 20
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Single strand DNA oligonucleotide
US-09-980-469-20

Query Match          0.9%; Score 19.2; DB 1; Length 27;
Best Local Similarity 87.5%; Pred. No. 1.2e+02;
Matches 21; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1246 TCGACCCCATCCCAACCCCTT 1269
Db 26 TCGACCCCATCCCAACCGGTTT 3

RESULT 27
PCT-US03-04741-219
; Sequence 219, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 220
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
PCT-US03-04741-220

Query Match          0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 73.7%; Pred. No. 89;
Matches 14; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 751 TGCACCTGCCATGCAGGTT 769

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```

; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 219
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
PCT-US03-04741-219

Query Match          0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 89;
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 733 GAGAAACAGAACACCGTGT 751
Db 1 GAGAAACAGAACACCGUGU 19

RESULT 28
PCT-US03-04741-220
; Sequence 220, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 220
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
PCT-US03-04741-220

Query Match          0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 73.7%; Pred. No. 89;
Matches 14; Conservative 5; Mismatches 0; Indels 0; Gaps 0;

QY 751 TGCACCTGCCATGCAGGTT 769

```

Db 1 UGCACCUGCCAGGAGGU 19

RESULT 29

PCT-US03-04741-221
; Sequence 221, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; TITLE OF INVENTION: (siNA)
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 221
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
PCT-US03-04741-221

Query Match 0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 68.4%; Pred. No. 89;
Matches 13; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

Qy 769 TTCTTCTAAGAGAAACG 787
:::|||||
Db 1 UCUUCUAGAGAAACG 19

RESULT 30

PCT-US03-04741-222
; Sequence 222, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; TITLE OF INVENTION: (siNA)
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784

; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 222
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
PCT-US03-04741-222

Query Match 0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 63.2%; Pred. No. 89;
Matches 12; Conservative 7; Mismatches 0; Indels 0; Gaps 0;

Qy 787 GAGTGTCTCTCTGTAGTA 805
|||:|:|:|:|:|:|:|
Db 1 GAGUGUGUCCUGUAGUA 19

RESULT 31

PCT-US03-04741-223
; Sequence 223, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; TITLE OF INVENTION: (siNA)
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 223
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
PCT-US03-04741-223

Query Match 0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 89;
Matches 16; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

Qy 805 AACGTGAAGAAAGCCTGG 823
|||:|:|:|:|:|:|:|
Db 1 AACGUAAGAAAGCCUGG 19

```
RESULT 32
PCT-US03-04741-224
; Sequence 224, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; TITLE OF INVENTION: (siRNA)
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT FILING DATE: 2002-02-12
; PRIOR FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 224
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
PCT-US03-04741-224

Query Match 0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 89;
Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 823 GAGTGCACGAGTTGGCC 841
Db 1 GAGUGCACGAGTUGGCC 19

RESULT 33
PCT-US03-04741-225
; Sequence 225, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; TITLE OF INVENTION: (siRNA)
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT FILING DATE: 2002-02-12
; PRIOR FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
```

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; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 225
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
PCT-US03-04741-225

Query Match 0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 89;
Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 841 CTACCCAGATTGAGATG 859
Db 1 CUACCCAGAUUGAGAAUG 19

RESULT 34
PCT-US03-04741-226
; Sequence 226, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; TITLE OF INVENTION: (siRNA)
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT FILING DATE: 2002-02-12
; PRIOR FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 226
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
PCT-US03-04741-226

Query Match 0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 89;
Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 859 GTTAGGGCAGCTGAGGACT 877
Db 1 GUUAGGGCAGUGAGGACU 19

RESULT 35
```

```
PCT-US03-04741-227
; Sequence 227, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; TITLE OF INVENTION: (siNA)
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 227
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
PCT-US03-04741-227

Query Match 0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 89;
Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 877 TCAGGCACACAGTGTGT 895
      :|||||:|||||:|:
Db 1 UCAGGCACACAGTGTGT 19

RESULT 36
PCT-US03-04741-228
; Sequence 228, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; TITLE OF INVENTION: (siNA)
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 227
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
PCT-US03-04741-227

Query Match 0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 89;
Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 877 TCAGGCACACAGTGTGT 895
      :|||||:|||||:|:
Db 1 UCAGGCACACAGTGTGT 19

RESULT 36
PCT-US03-04741-228
; Sequence 228, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; TITLE OF INVENTION: (siNA)
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 227
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
PCT-US03-04741-228
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PCT-US03-04741-228
; Sequence 228, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; TITLE OF INVENTION: (siNA)
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 228
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
PCT-US03-04741-228

Query Match 0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 52.6%; Pred. No. 89;
Matches 10; Conservative 9; Mismatches 0; Indels 0; Gaps 0;

QY 895 TTGCCCTCGTCATTTTCT 913
      :|||||:|||||:|:
Db 1 TTGCCCTCGTCATTTTCT 19

RESULT 37
PCT-US03-04741-229
; Sequence 229, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; TITLE OF INVENTION: (siNA)
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 229
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
PCT-US03-04741-229

Query Match 0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 36.8%; Pred. No. 89;
Matches 7; Conservative 12; Mismatches 0; Indels 0; Gaps 0;

QY 913 TTGGTCTTTGCTTTTAT 931
      :|||||:|||||:|:
Db 1 TTGGTCTTTGCTTTTAT 19

RESULT 38
PCT-US03-04741-230
; Sequence 230, Application PC/TUS0304741
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```
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; TITLE OF INVENTION: (siRNA)
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 230
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siRNA sense r
PCT-US03-04741-230
```

```
Query Match 0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 52.6%; Pred. No. 89;
Matches 10; Conservative 9; Mismatches 0; Indels 0; Gaps 0;

Qy 931 TCCCTCCCTTCATGTTGTT 949
Db 1 UCCUCCUCCUCCUCCUCCU 19

RESULT 39
PCT-US03-04741-231
; Sequence 231, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; TITLE OF INVENTION: (siRNA)
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
```

```
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 231
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siRNA sense r
PCT-US03-04741-231
```

```
Query Match 0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 68.4%; Pred. No. 89;
Matches 13; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

Qy 949 TTAATGTATCGCTACCAAC 967
Db 1 UUAAGUAGUCGUACCAAC 19
```

```
RESULT 40
PCT-US03-04741-232
; Sequence 232, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; TITLE OF INVENTION: (siRNA)
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 232
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siRNA sense r
PCT-US03-04741-232
```

```
Query Match 0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 89;
Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

Qy 967 CGGTGGAGTCCAGCTCT 985
Db 1 CGGUGGAGUCCAGCUCU 19
```

```
RESULT 41
PCT-US03-04741-233
; Sequence 233, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
```



```
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: (siRNA)
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 236
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
PCT-US03-04741-236

Query Match          0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 89;
Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1039 ACTACTACTAAGCCCTCG 1057
||:||||:||||:||||:||||:|
Db 1 ACUACUACUAGCCCCUGG 19

RESULT 45
PCT-US03-04741-237
; Sequence 237, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: (siNA)
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 237
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
PCT-US03-04741-238

Query Match          0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 89;
Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1075 AGTCCCACTCCAGGCTTCA 1093
||:||||:||||:||||:||||:|
Db 1 AGUCCCACTCCAGGCTTCA 19

RESULT 47
PCT-US03-04741-239
; Sequence 239, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: (siNA)
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 239
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```
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
PCT-US03-04741-237

Query Match          0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 89;
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1057 GCCCAACCAAGCTTCA 1075
|||||:|||||:|||||:|||||:|
Db 1 GCCCAACCAAGCTTCA 19

RESULT 46
PCT-US03-04741-238
; Sequence 238, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: (siNA)
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 238
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense r
PCT-US03-04741-238

Query Match          0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 89;
Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1075 AGTCCCACTCCAGGCTTCA 1093
|||||:|||||:|||||:|||||:|
Db 1 AGUCCCACTCCAGGCTTCA 19

RESULT 47
PCT-US03-04741-239
; Sequence 239, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: (siNA)
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 239
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```
; TITLE OF INVENTION: (sina)
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 239
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/sina sense r
PCT-US03-04741-239

Query Match 0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 89;
Matches 16; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 1093 ACCCCACCTGGGCTTCA 1111
Db 1 ACCCCACCCGGGCTUCCA 19

RESULT 48
PCT-US03-04741-240
; Sequence 240, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 240
; LENGTH: 19
; TYPE: RNA
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/sina sense r
PCT-US03-04741-240

Query Match 0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 89;
Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1111 AGTCCCGTCCAGTCCCA 1129
Db 1 AGUCCCGUGCCAGUCCA 19

RESULT 49
PCT-US03-04741-241
; Sequence 241, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 241
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/sina sense r
PCT-US03-04741-241

Query Match 0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 89;
Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1129 ACCTTCACCTCCAGTCCCA 1147
Db 1 ACCUCCACCCGAGUCCA 19

RESULT 50
PCT-US03-04741-242
; Sequence 242, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 240
; LENGTH: 19
; TYPE: RNA
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; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 242
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
PCT-US03-04741-242

Query Match 0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 89;
Matches 15; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY 1147 ACCTATACCCCGGTGACT 1165
|||:|||||:|:
DB 1 ACCUAUACCCCGGTGACT 19

RESULT 51
PCT-US03-04741-243
; Sequence 243, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; TITLE OF INVENTION: (siNA)
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 243
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
PCT-US03-04741-243

; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
PCT-US03-04741-243

Query Match 0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 68.4%; Pred. No. 89;
Matches 13; Conservative 6; Mismatches 0; Indels 0; Gaps 0;

QY 1165 TGTCCTCACTTGGGCTC 1183
:|||||:|:
DB 1 UGUCCCAACUUUGGCGUC 19

RESULT 52
PCT-US03-04741-244
; Sequence 244, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; TITLE OF INVENTION: (siNA)
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 244
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
PCT-US03-04741-244

Query Match 0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 89;
Matches 18; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1183 CCCGCGAGAGGTGGGCAC 1201
|||||:|:
DB 1 CCCGCGAGAGGTGGGCAC 19

RESULT 53
PCT-US03-04741-245
; Sequence 245, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; TITLE OF INVENTION: (siNA)
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12

; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 245
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
PCT-US03-04741-245

Query Match 0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 89;
Matches 16; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 1201 CCACCCATCAGGGGGTGTG 1219
|||||:|||||:
Db 1 CCACCCUAUCAGGGGGCUG 19

RESULT 54
PCT-US03-04741-246
; Sequence 246, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 246
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
PCT-US03-04741-246

Query Match 0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 89;
Matches 16; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 1219 GACCCCATCCTTGGGACAG 1237
|||||:|||||:
Db 1 GACCCCAUCCUUGGACAG 19

RESULT 55
PCT-US03-04741-247
; Sequence 247, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 247
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
PCT-US03-04741-247

Query Match 0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 89;
Matches 17; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 1237 GCCTCGCCTCCGACCCCA 1255
|||||:|||||:
Db 1 GCCCUCGCCUCCGACCCCA 19

RESULT 56
PCT-US03-04741-248
; Sequence 248, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26

PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 500
SOFTWARE: PatentIn version 3.2
SEQ ID NO 248
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
PCT-US03-04741-248

Query Match 0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 89;
Matches 16; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 1255 ATCCCCAACCCCTTCAGA 1273
DB 1 AUCCCCAACCCCUUCAGA 19

RESULT 57
PCT-US03-04741-249
Sequence 249, Application PC/TUS0304741
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Beigelman, Leonid
TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
TITLE OF INVENTION: (siNA)
FILE REFERENCE: 400/100 (MBHB02-1236-A)
CURRENT APPLICATION NUMBER: PCT/US03/04741
CURRENT FILING DATE: 2002-02-12
PRIOR APPLICATION NUMBER: US 60/429,359
PRIOR FILING DATE: 2002-11-26
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 500
SOFTWARE: PatentIn version 3.2
SEQ ID NO 249
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
PCT-US03-04741-249

Query Match 0.9%; Score 19; DB 1; Length 19;

Best Local Similarity 94.7%; Pred. No. 89;
Matches 18; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
QY 1273 AAGTGGAGGACAGCGCCC 1291
DB 1 AAGUGGAGGACAGCGCCC 19

RESULT 58
PCT-US03-04741-250
Sequence 250, Application PC/TUS0304741
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Beigelman, Leonid
TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
TITLE OF INVENTION: (siNA)
FILE REFERENCE: 400/100 (MBHB02-1236-A)
CURRENT APPLICATION NUMBER: PCT/US03/04741
CURRENT FILING DATE: 2002-02-12
PRIOR APPLICATION NUMBER: US 60/429,359
PRIOR FILING DATE: 2002-11-26
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 500
SOFTWARE: PatentIn version 3.2
SEQ ID NO 250
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
PCT-US03-04741-250

Query Match 0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 94.7%; Pred. No. 89;
Matches 18; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1291 CACAGGCCACAGAGCCTAG 1309
DB 1 CACAGGCCACAGAGCCUAG 19

RESULT 59
PCT-US03-04741-342/c
Sequence 342, Application PC/TUS0304741
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Beigelman, Leonid
TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
TITLE OF INVENTION: (siNA)
FILE REFERENCE: 400/100 (MBHB02-1236-A)
CURRENT APPLICATION NUMBER: PCT/US03/04741
CURRENT FILING DATE: 2002-02-12
PRIOR APPLICATION NUMBER: US 60/429,359
PRIOR FILING DATE: 2002-11-26
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20

PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 500
SOFTWARE: PatentIn version 3.2
SEQ ID NO 342
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-04741-342

Query Match 0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 733 GAGAAACAGAACCCGTTG 751
DB 19 GAGAAACAGAACCCGTTG 1

RESULT 60
PCT-US03-04741-343/c
Sequence 343, Application PC/TUS0304741
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Beigelman, Leonid
TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
TITLE OF INVENTION: (siNA)
FILE REFERENCE: 400/100 (MBHB02-1236-A)
CURRENT APPLICATION NUMBER: PCT/US03/04741
CURRENT FILING DATE: 2002-02-12
PRIOR FILING DATE: 2002-11-26
PRIOR APPLICATION NUMBER: US 60/429,359
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
NUMBER OF SEQ ID NOS: 500
SOFTWARE: PatentIn version 3.2
SEQ ID NO 343
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-04741-343

Query Match 0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 751 TGCACCTGCCATGCGGTT 769
DB 19 TGCACCTGCCATGCGGTT 1

RESULT 61
PCT-US03-04741-344/c
Sequence 344, Application PC/TUS0304741
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Beigelman, Leonid
TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
TITLE OF INVENTION: (siNA)
FILE REFERENCE: 400/100 (MBHB02-1236-A)
CURRENT APPLICATION NUMBER: PCT/US03/04741
CURRENT FILING DATE: 2002-02-12
PRIOR FILING DATE: 2002-11-26
PRIOR APPLICATION NUMBER: US 60/429,359
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
NUMBER OF SEQ ID NOS: 500
SOFTWARE: PatentIn version 3.2
SEQ ID NO 344
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-04741-344

Query Match 0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 769 TTCTTTCTAAGAGAAAACG 787
DB 19 TTCTTTCTAAGAGAAAACG 1

RESULT 62
PCT-US03-04741-345/c
Sequence 345, Application PC/TUS0304741
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Beigelman, Leonid
TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
TITLE OF INVENTION: (siNA)
FILE REFERENCE: 400/100 (MBHB02-1236-A)
CURRENT APPLICATION NUMBER: PCT/US03/04741
CURRENT FILING DATE: 2002-02-12
PRIOR FILING DATE: 2002-11-26
PRIOR APPLICATION NUMBER: US 60/429,359
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11

19 ACTGTAAGAAAGCCTGG 1
Db
RESULT 64
PCT-US03-04741-347/c
; Sequence 347, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; TITLE OF INVENTION: (siRNA)
; FILE REFERENCE: 400/100 (MEHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 345
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siRNA antisense region
PCT-US03-04741-345

Query Match 0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

787 GAGTGTCTCTCTCTGAGTA 805
Db 19 GAGTGTCTCTCTCTGAGTA 1

RESULT 63
PCT-US03-04741-346/c
; Sequence 346, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; TITLE OF INVENTION: (siRNA)
; FILE REFERENCE: 400/100 (MEHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 346
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siRNA antisense region
PCT-US03-04741-346

Query Match 0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

805 AACTGTAAGAAAGCCTGG 823
Qy

Query Match 0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 823 GAGTGCACGAAAGTTGTGCC 841
Db 19 GAGTGCACGAAAGTTGTGCC 1

RESULT 65
PCT-US03-04741-348/c
; Sequence 348, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; TITLE OF INVENTION: (siRNA)
; FILE REFERENCE: 400/100 (MEHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06

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; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 348
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-04741-348

Query Match          0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 841 CTACCCGAGTGGAGATG 859
Db 19 CTACCCGAGTGGAGATG 1

RESULT 66
PCT-US03-04741-349/c
; Sequence 349, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 349
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-04741-349

Query Match          0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 859 GTTAAGGCGACTGAGGACT 877
Db 19 GTTAAGGCGACTGAGGACT 1

RESULT 67
PCT-US03-04741-350/c
; Sequence 350, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 350
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-04741-350

Query Match          0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 877 TCAGGCACCACAGTGCTGT 895
Db 19 TCAGGCACCACAGTGCTGT 1

RESULT 68
PCT-US03-04741-351/c
; Sequence 351, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
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QY 859 GTTAAGGCGACTGAGGACT 877
Db 19 GTTAAGGCGACTGAGGACT 1
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1 PRIOR FILING DATE: 2002-02-20
 2 PRIOR APPLICATION NUMBER: US 60/363,124
 3 PRIOR FILING DATE: 2002-03-11
 4 PRIOR APPLICATION NUMBER: US 60/386,782
 5 PRIOR FILING DATE: 2002-06-06
 6 PRIOR APPLICATION NUMBER: US 60/406,784
 7 PRIOR FILING DATE: 2002-08-29

; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 354
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-04741-354

Query Match 0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 949 TTAATGTATCGTACCAAC 967
|||||
Db 19 TTAATGTATCGTACCAAC 1

RESULT 72

PCT-US03-04741-355/c
; Sequence 355, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 355
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-04741-355

Query Match 0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 967 CGGTGGAAGTCCAAAGCTCT 985
|||||
Db 19 CGGTGGAAGTCCAAAGCTCT 1

RESULT 73

PCT-US03-04741-356/c

; Sequence 356, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 356
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-04741-356

Query Match 0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 985 TACTCCATTGTTGTGGGA 1003
|||||
Db 19 TACTCCATTGTTGTGGGA 1

RESULT 74

PCT-US03-04741-357/c
; Sequence 357, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09


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; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 357
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-04741-357

Query Match
Best Local Similarity 100.0%; Pred. No. 89;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1003 AAATCGACACCTGAAAAAG 1021
Db 19 AAATCGACACCTGAAAAAG 1

RESULT 75
PCT-US03-04741-358/c
; Sequence 358, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 358
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-04741-358

Query Match
Best Local Similarity 100.0%; Pred. No. 89;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1021 GAGGGGAGCTTGAAGAA 1039
Db 19 GAGGGGAGCTTGAAGAA 1

RESULT 76
PCT-US03-04741-359/c
; Sequence 359, Application PC/TUS0304741
; GENERAL INFORMATION:

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; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; TITLE OF INVENTION: (siNA)
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 359
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-04741-359

Query Match
Best Local Similarity 100.0%; Pred. No. 89;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1039 ACTACTACTAAGCCCTGG 1057
Db 19 ACTACTACTAAGCCCTGG 1

RESULT 77
PCT-US03-04741-360/c
; Sequence 360, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; TITLE OF INVENTION: (siNA)
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15

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; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 360
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-04741-360

Query Match          0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1057 GCCCCAAACCCAGGCTTCA 1075
DB 19 GCCCCAAACCCAGGCTTCA 1

RESULT 78
PCT-US03-04741-361/c
; Sequence 361, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 361
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-04741-361

Query Match          0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1075 AGTCCCACTCCAGGCTTCA 1093
DB 19 AGTCCCACTCCAGGCTTCA 1

RESULT 79
PCT-US03-04741-362/c
; Sequence 362, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
```

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; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: PCT/US03/04741
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 362
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-04741-362

Query Match          0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1093 ACCCCACCCCTGGGCTTCA 1111
DB 19 ACCCCACCCCTGGGCTTCA 1

RESULT 80
PCT-US03-04741-363/c
; Sequence 363, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: PCT/US03/04741
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
```

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; SEQ ID NO 363
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-04741-363

Query Match          0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1111 AGTCCCGTCCAGTTCCA 1129
Db      |||||
19 AGTCCCGTCCAGTTCCA 1

RESULT 81
PCT-US03-04741-364/c
; Sequence 364, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; TITLE OF INVENTION: (siNA)
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 364
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-04741-364

Query Match          0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1129 ACCTTCACCTCCAGTTCCA 1147
Db      |||||
19 ACCTTCACCTCCAGTTCCA 1

RESULT 82
PCT-US03-04741-365/c
; Sequence 365, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
```

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; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; TITLE OF INVENTION: (siNA)
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 365
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-04741-365

Query Match          0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1147 ACCTATACCCCGGTGACT 1165
Db      |||||
19 ACCTATACCCCGGTGACT 1

RESULT 83
PCT-US03-04741-366/c
; Sequence 366, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; TITLE OF INVENTION: (siNA)
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 366
; LENGTH: 19
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```
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-04741-366

Query Match          0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1165 TGTCCTCAACTTTGGGGCTC 1183
Db 19 TGTCCTCAACTTTGGGGCTC 1

RESULT 84
PCT-US03-04741-367/c
; Sequence 367, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; TITLE OF INVENTION: (siNA)
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 367
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-04741-367

Query Match          0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1183 CCCGCGCAGAGGTGGGCAC 1201
Db 19 CCCGCGCAGAGGTGGGCAC 1

RESULT 85
PCT-US03-04741-368/c
; Sequence 368, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; TITLE OF INVENTION: (siNA)
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; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 368
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-04741-368

Query Match          0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1201 CCACCTATCAGGGGGCTG 1219
Db 19 CCACCTATCAGGGGGCTG 1

RESULT 86
PCT-US03-04741-369/c
; Sequence 369, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; TITLE OF INVENTION: (siNA)
; FILE REFERENCE: 400/100 (MBHB02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 369
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
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/
/
/ OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-04741-369

Query Match          0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1219 GACCCCATCCTCGACAC 1237
Db 19 GACCCCATCCTCGACAC 1

RESULT 87
PCT-US03-04741-370/c
; Sequence 370, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; FILE REFERENCE: 400/100 (MH802-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; PRIOR FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 370
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-04741-371

Query Match          0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1255 ATCCCAACCCCTTCAGA 1273
Db 19 ATCCCAACCCCTTCAGA 1

RESULT 89
PCT-US03-04741-372/c
; Sequence 372, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; FILE REFERENCE: 400/100 (MH802-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; PRIOR FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 372
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-04741-370

Query Match          0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1237 GCCTCGCTCGACCCCA 1255
Db 19 GCCTCGCTCGACCCCA 1

RESULT 88
PCT-US03-04741-371/c
; Sequence 371, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; FILE REFERENCE: 400/100 (MH802-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
```

PCT-US03-04741-372

Query Match 0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1273 AAGTGGGAGGACAGCGCCC 1291
|||||
DB 19 AAGTGGGAGGACAGCGCCC 1

RESULT 90

PCT-US03-04741-373/c
; Sequence 373, Application PC/TUS0304741
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of TNF and TNF Receptor
; TITLE OF INVENTION: Superfamily Gene Expression Using Short Interfering Nucleic Acid
; TITLE OF INVENTION: (sina)
; FILE REFERENCE: 400/100 (MBH02-1236-A)
; CURRENT APPLICATION NUMBER: PCT/US03/04741
; CURRENT FILING DATE: 2002-02-12
; PRIOR APPLICATION NUMBER: US 60/429,359
; PRIOR FILING DATE: 2002-11-26
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 500
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 373
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: sina antisense region
PCT-US03-04741-373

Query Match 0.9%; Score 19; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 19; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1291 CACAAGCCACAGAGCCTAG 1309
|||||
DB 19 CACAAGCCACAGAGCCTAG 1

RESULT 91

US-08-529-190A-16
; Sequence 16, Application US/08529190A
; GENERAL INFORMATION:
; APPLICANT: Masucci, Maria G.
; TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES
; TITLE OF INVENTION: CONFERRING INVISIBILITY TO THE IMMUNE SYSTEM
; NUMBER OF SEQUENCES: 63
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Allegretti
; STREET: 75 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA

ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: Wordperfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/529,190A
; FILING DATE: 15-SEP-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Williams, Ph.D., Kathleen A
; REGISTRATION NUMBER: 34,380
; REFERENCE/DOCKET NUMBER: THERE-005AX
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-345-9100
; TELEFAX: 617-345-9111
; TELEX:

; INFORMATION FOR SEQ ID NO: 16:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; US-08-529-190A-16

Query Match 0.9%; Score 18.8; DB 1; Length 24;
Best Local Similarity 90.9%; Pred. No. 1.3e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1126 TCCACCTTCACCTCCAGCTCCA 1147
|||||
DB 2 TCCACCTTCACCTCCAGCTCCA 23

RESULT 92

US-08-733-369A-72
; Sequence 72, Application US/08733369A
; GENERAL INFORMATION:
; APPLICANT: Masucci, Maria G.
; TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES CONFERRING
; TITLE OF INVENTION: INVISIBILITY TO THE IMMUNE SYSTEM.
; NUMBER OF SEQUENCES: 123
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Kathleen M. Williams, Banner & Witcoff, Ltd.
; STREET: One Financial Center
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02111

; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Wordperfect 6.1a
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/733,369A
; FILING DATE: 17 October, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/522,995
; FILING DATE: 01-SEP-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/529,190
; FILING DATE: 15-SEP-1995
; PRIOR APPLICATION DATA:

APPLICATION NUMBER: SE 95013249
FILING DATE: 10-APR-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/GB96/00876
FILING DATE: 10-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: Williams, Kathleen M.
REGISTRATION NUMBER: 34,380
REFERENCE/DOCKET NUMBER: 95-1391-D
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-345-9100
TELEFAX: 617-345-9111
INFORMATION FOR SEQ ID NO: 72:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
US-08-733-369A-72

Query Match 0.9%; Score 18.8; DB 1; Length 24;
Best Local Similarity 90.9%; Pred. No. 1.3e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1126 TCCACCTTCACCTCCAGCTCCA 1147
||||| |||||||
DB 2 TCCACCGCACCTCCAGCTCCA 23

RESULT 93
US-08-970-900-63
Sequence 63, Application US/08970900
GENERAL INFORMATION:
APPLICANT: Masucci, Maria G.
TITLE OF INVENTION: FUSION PROTEINS HAVING INCREASED HALF-LIVES.
NUMBER OF SEQUENCES: 91
CORRESPONDENCE ADDRESS:
ADDRESSEE: Kathleen M. Williams, Banner & Witcoff, Ltd.
STREET: One Financial Center
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02111

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Wordperfect 6.1a
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/970,900
FILING DATE: 14-NOV-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/030,986
FILING DATE: 15-NOV-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/048,945
FILING DATE: 25-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: Williams, Kathleen M.
REGISTRATION NUMBER: 34,380
REFERENCE/DOCKET NUMBER: 3255/59831
TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-345-9111
TELEFAX: 617-345-9111
INFORMATION FOR SEQ ID NO: 63:
SEQUENCE CHARACTERISTICS:
LENGTH: 24 bases
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
US-08-970-900-63

Query Match 0.9%; Score 18.8; DB 1; Length 24;
Best Local Similarity 90.9%; Pred. No. 1.3e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1126 TCCACCTTCACCTCCAGCTCCA 1147
||||| |||||||
DB 2 TCCACCGCACCTCCAGCTCCA 23

RESULT 94
US-10-719-900-208603/c
Sequence 208603, Application US/10719900
GENERAL INFORMATION:
APPLICANT: Xue Mei Zhou
TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
FILE REFERENCE: 3528.1
CURRENT APPLICATION NUMBER: US/10/719,900
CURRENT FILING DATE: 2003-11-20
PRIOR APPLICATION NUMBER: 60/427,808
PRIOR FILING DATE: 2002 11 20
NUMBER OF SEQ ID NOS: 982914
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 208603
LENGTH: 25
TYPE: DNA
ORGANISM: Mus musculus
US-10-719-900-208603

Query Match 0.9%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 1.4e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1020 AGAGGGGAGCTTGAAGGAAGTACT 1044
||||| |||||||
DB 25 AGAGGGGTATCATGAAAGAACTACT 1

RESULT 95
US-10-719-900-485674
Sequence 485674, Application US/10719900
GENERAL INFORMATION:
APPLICANT: Xue Mei Zhou
TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
FILE REFERENCE: 3528.1
CURRENT APPLICATION NUMBER: US/10/719,900
CURRENT FILING DATE: 2003-11-20
PRIOR APPLICATION NUMBER: 60/427,808
PRIOR FILING DATE: 2002 11 20
NUMBER OF SEQ ID NOS: 982914
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 485674
LENGTH: 25
TYPE: DNA
ORGANISM: Mus musculus
US-10-719-900-485674

Query Match 0.9%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 1.4e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 871 GAGGACTCAGGCCACACAGTGTGT 895
||||| |||||||
DB 1 GAGGACTCAGGCCACACAAAGTGT 25

RESULT 96
US-10-719-900-485675
Sequence 485675, Application US/10719900
GENERAL INFORMATION:
APPLICANT: Xue Mei Zhou
TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
FILE REFERENCE: 3528.1

```
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 485675
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-485675

Query Match
Best Local Similarity 0.9%; Score 18.6; DB 1; Length 25;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 871 GAGGACTCAGGCACACAGTGTGT 895
Db 1 GAGGACTCAGGCACACAAAGTGT 25

RESULT 97
US-10-719-956-134336
; Sequence 134336, Application US/10719956
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 134336
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-956-134336

Query Match
Best Local Similarity 0.9%; Score 18.6; DB 1; Length 25;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 980 AGCTCTACTCCATGTTGTGGGAA 1004
Db 1 AGCTCTACACCCCTGTTCTGAGAA 25

RESULT 98
US-10-719-956-169282
; Sequence 169282, Application US/10719956
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 169282
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-956-169282

Query Match
Best Local Similarity 0.9%; Score 18.6; DB 1; Length 25;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 780 AGAAACGAGTGTCTCTCTGTAGT 804
Db 1 AGAAACGAGTGTCTCTCTGTAGT 804
```

```
Db 1 ATRAGACCAGTGTCTCTCTGTAGT 25

RESULT 99
US-60-427-808-208603/c
; Sequence 208603, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 208603
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-208603
```

```
Query Match
Best Local Similarity 0.9%; Score 18.6; DB 1; Length 25;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1020 AGAGGGGAGCTTGAAGGAAGTACT 1044
Db 25 AGAGGGGTATCATGAAGAAGTACT 1

RESULT 100
US-60-427-808-485674
; Sequence 485674, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 485674
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-485674
```

```
Query Match
Best Local Similarity 0.9%; Score 18.6; DB 1; Length 25;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 871 GAGGACTCAGGCACACAGTGTGT 895
Db 1 GAGGACTCAGGCACACAAAGTGT 25

RESULT 101
US-60-427-808-485675
; Sequence 485675, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 485675
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-485675
```



```
Query Match          0.9%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 1.4e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 871 GAGGACTCAGGACACACAGCTGCTGT 895
Db 1 GAGGACTCAGGACACACAAAGCTGT 25

RESULT 102
US-60-427-836-134336
; Sequence 134336, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 134336
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-134336

Query Match          0.9%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 1.4e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 980 AGCTTACTCCATCTTTGTGGAA 1004
Db 1 AGCTTACACCTTTTCTGAGAA 25

RESULT 103
US-60-427-836-169282
; Sequence 169282, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 169282
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-169282

Query Match          0.9%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 1.4e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 780 AGAAGACGAGTGCTCCCTGAGT 804
Db 1 ATAAGACGAGTGCTCTCCTGTAGT 25

RESULT 104
US-60-507-511-66945/c
; Sequence 66945, Application US/60507511
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William M
; TITLE OF INVENTION: NUCLEIC ACID ARRAYS FOR DETECTING GENE EXPRESSION ASSOCIATED WITH
; FILE OF INVENTION: HUMAN OSTEOARTHRITIS AND HUMAN PROTEASES
; FILE REFERENCE: AM 101081
; CURRENT APPLICATION NUMBER: US/60/507,511
; CURRENT FILING DATE: 2003-10-02
; NUMBER OF SEQ ID NOS: 203623
```

```
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 66945
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-60-507-511-66945

Query Match          0.9%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 1.4e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 829 ACGAAGTTGTGCTACCCAGATTG 853
Db 25 ACCAATTTGTGCTGCCCCAGATAG 1

RESULT 105
PCT-US02-09771-128/c
; Sequence 128, Application PC/TUS0209771
; GENERAL INFORMATION:
; APPLICANT: Clontech Laboratories, Inc.
; TITLE OF INVENTION: Methods of detecting multiple DNA
; TITLE OF INVENTION: binding protein and DNA interactions in a sample, and
; FILE REFERENCE: CLON-071WO
; CURRENT APPLICATION NUMBER: PCT/US02/09771
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: 60/280,658
; PRIOR FILING DATE: 2001-03-30
; PRIOR APPLICATION NUMBER: 60/314,330
; PRIOR FILING DATE: 2001-08-20
; NUMBER OF SEQ ID NOS: 192
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 128
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
PCT-US02-09771-128

Query Match          0.8%; Score 18.2; DB 1; Length 23;
Best Local Similarity 87.0%; Pred. No. 1.5e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1183 CCGCGCAGAGAGTGCCACC 1205
Db 23 CGCGCAGAGAGTGCCACTGCC 1

RESULT 106
US-10-113-877-128/c
; Sequence 128, Application US/10113877
; GENERAL INFORMATION:
; APPLICANT: Fang, Yu
; APPLICANT: Wang, Xiao-Yang
; APPLICANT: Turpin, Pierre
; TITLE OF INVENTION: Methods of detecting multiple DNA
; TITLE OF INVENTION: binding protein and DNA interactions in a sample, and
; FILE REFERENCE: CLON-071
; CURRENT APPLICATION NUMBER: US/10/113,877
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: 60/280,658
; PRIOR FILING DATE: 2001-03-30
; PRIOR APPLICATION NUMBER: 60/314,330
; PRIOR FILING DATE: 2001-08-20
; NUMBER OF SEQ ID NOS: 192
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 128
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

FEATURE:	OTHER INFORMATION: oligonucleotide	US-10-113-877-128	Query Match	0.8%; Score 18.2; DB 1; Length 23;	Best Local Similarity	87.0%; Pred. No. 1.5e+02;	Matches	20; Conservative	0; Mismatches	3; Indels	0; Gaps	0;
1183	CCCCGACAGAGGTGGCACCACC	1205	1183	CCCCGACAGAGGTGGCACCACC	1205	1183	CCCCGACAGAGGTGGCACCACC	1205	1183	CCCCGACAGAGGTGGCACCACC	1205	1183
23	CGCGCAGAGAGGTGGCACCACC	1	23	CGCGCAGAGAGGTGGCACCACC	1	23	CGCGCAGAGAGGTGGCACCACC	1	23	CGCGCAGAGAGGTGGCACCACC	1	23
RESULT 107												
US-10-464-609-12												
Sequence 12, Application US/10464609												
GENERAL INFORMATION:												
APPLICANT: KYNDT, John, Jozef Armand												
APPLICANT: VAN BREUMEN, Jozef												
TITLE OF INVENTION: Novel Methods For Synthesis of												
TITLE OF INVENTION: Holo-Photoactive Yellow Protein												
FILE REFERENCE: 50304/008001												
CURRENT APPLICATION NUMBER: US/10/464,609												
CURRENT FILING DATE: 2003-06-18												
PRIOR APPLICATION NUMBER: US 60/389,593												
PRIOR FILING DATE: 2002-06-18												
NUMBER OF SEQ ID NOS: 13												
SOFTWARE: FastSeq for Windows Version 4.0												
SEQ ID NO 12												
LENGTH: 23												
TYPE: DNA												
ORGANISM: Artificial Sequence												
FEATURE: Primer												
OTHER INFORMATION: Primer												
US-10-464-609-12												
Query Match												
Best Local Similarity 87.0%; Score 18.2; DB 1; Length 23;												
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;												
1065	CCCAAGCTTCAGTCCCAATCCG	1087	1065	CCCAAGCTTCAGTCCCAATCCG	1087	1065	CCCAAGCTTCAGTCCCAATCCG	1087	1065	CCCAAGCTTCAGTCCCAATCCG	1087	1065
1	CGCAAGCTTCAGTCCCAATCCG	23	1	CGCAAGCTTCAGTCCCAATCCG	23	1	CGCAAGCTTCAGTCCCAATCCG	23	1	CGCAAGCTTCAGTCCCAATCCG	23	1
RESULT 108												
US-07-954-185A-33/c												
Sequence 33, Application US/07954185A												
GENERAL INFORMATION:												
APPLICANT: Ronnie C. Hanecak et al.												
TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core												
TITLE OF INVENTION: Sequence												
NUMBER OF SEQUENCES: 122												
CORRESPONDENCE ADDRESS:												
ADDRESSEE: Woodcock Washburn												
ADDRESSEE: Kurtz Mackiewicz & Norris												
STREET: One Liberty Place - 46th Floor												
CITY: Philadelphia												
STATE: PA												
COUNTRY: USA												
ZIP: 19103												
COMPUTER READABLE FORM:												
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE												
COMPUTER: IBM PS/2												
OPERATING SYSTEM: PC-DOS												
SOFTWARE: WORDPERFECT 5.1												
CURRENT APPLICATION DATA:												
APPLICATION NUMBER: US/07/954,185A												
FILING DATE: 19920929												
CLASSIFICATION: 514												
PRIOR APPLICATION DATA:												
APPLICATION NUMBER:												
FILING DATE:												
ATTORNEY/AGENT INFORMATION:												
NAME: Jane Massey Licata												
REGISTRATION NUMBER: 32,257												
REFERENCE/DOCKET NUMBER: ISIS-0704												
TELECOMMUNICATION INFORMATION:												
TELEPHONE: (215) 568-3100												
TELEFAX: (215) 568-3439												
INFORMATION FOR SEQ ID NO: 34:												
SEQUENCE CHARACTERISTICS:												
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE												
COMPUTER: IBM PS/2												
OPERATING SYSTEM: PC-DOS												
SOFTWARE: WORDPERFECT 5.1												
CURRENT APPLICATION DATA:												
APPLICATION NUMBER: US/07/954,185A												
FILING DATE: 19920929												
CLASSIFICATION: 514												
PRIOR APPLICATION DATA:												
APPLICATION NUMBER:												
FILING DATE:												
ATTORNEY/AGENT INFORMATION:												
NAME: Jane Massey Licata												
REGISTRATION NUMBER: 32,257												
REFERENCE/DOCKET NUMBER: ISIS-0704												
TELECOMMUNICATION INFORMATION:												
TELEPHONE: (215) 568-3100												
TELEFAX: (215) 568-3439												
INFORMATION FOR SEQ ID NO: 34:												
SEQUENCE CHARACTERISTICS:												
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE												
COMPUTER: IBM PS/2												
OPERATING SYSTEM: PC-DOS												
SOFTWARE: WORDPERFECT 5.1												
CURRENT APPLICATION DATA:												
APPLICATION NUMBER: US/07/954,185A												
FILING DATE: 19920929												
CLASSIFICATION: 514												
PRIOR APPLICATION DATA:												
APPLICATION NUMBER:												
FILING DATE:												
ATTORNEY/AGENT INFORMATION:												
NAME: Jane Massey Licata												
REGISTRATION NUMBER: 32,257												
REFERENCE/DOCKET NUMBER: ISIS-0704												
TELECOMMUNICATION INFORMATION:												
TELEPHONE: (215) 568-3100												
TELEFAX: (215) 568-3439												
INFORMATION FOR SEQ ID NO: 34:												
SEQUENCE CHARACTERISTICS:												
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE												
COMPUTER: IBM PS/2												
OPERATING SYSTEM: PC-DOS												
SOFTWARE: WORDPERFECT 5.1												
CURRENT APPLICATION DATA:												
APPLICATION NUMBER: US/07/954,185A												
FILING DATE: 19920929												
CLASSIFICATION: 514												
PRIOR APPLICATION DATA:												
APPLICATION NUMBER:												
FILING DATE:												
ATTORNEY/AGENT INFORMATION:												
NAME: Jane Massey Licata												
REGISTRATION NUMBER: 32,257												
REFERENCE/DOCKET NUMBER: ISIS-0704												
TELECOMMUNICATION INFORMATION:												
TELEPHONE: (215) 568-3100												
TELEFAX: (215) 568-3439												
INFORMATION FOR SEQ ID NO: 34:												
SEQUENCE CHARACTERISTICS:												
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE												
COMPUTER: IBM PS/2												
OPERATING SYSTEM: PC-DOS												
SOFTWARE: WORDPERFECT 5.1												
CURRENT APPLICATION DATA:												
APPLICATION NUMBER: US/07/954,185A												
FILING DATE: 19920929												
CLASSIFICATION: 514												
PRIOR APPLICATION DATA:												
APPLICATION NUMBER:												
FILING DATE:												
ATTORNEY/AGENT INFORMATION:												
NAME: Jane Massey Licata												
REGISTRATION NUMBER: 32,257												
REFERENCE/DOCKET NUMBER: ISIS-												

```

; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/299,058
; FILING DATE: 23-Apr-1999
; CLASSIFICATION: N/A
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/403,888
; FILING DATE: 12-JUNE-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 25
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 34:
US-09-299-058-34

Query Match 0.8%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1244 CCTCCGACCCCATCCCAACCCC 1266
Db ||| ||| ||| ||| ||| ||| ||| |||
25 CCCCCAACCCCAACCCCAACCCC 3

RESULT 112
US-09-953-115A-1786/c
; Sequence 1786, Application US/09953115A
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Analysis of Human Genes
; FILE REFERENCE: 3111.1
; CURRENT APPLICATION NUMBER: US/09/953,115A
; CURRENT FILING DATE: 2001-09-13
; PRIOR APPLICATION NUMBER: 60/232,597
; PRIOR FILING DATE: 2000-09-14
; NUMBER OF SEQ ID NOS: 33029
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 1786
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-09-953-115A-1786

Query Match 0.8%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1067 CAGGCTTCAGTCCCACTCCAGGC 1089
Db ||| ||| ||| ||| ||| ||| ||| |||
24 CAGGCTTCAGTCCCACTCCGGGC 2

RESULT 113
US-09-953-115A-21731/c
; Sequence 21731, Application US/09953115A
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Analysis of Human Genes
; FILE REFERENCE: 3111.1
; CURRENT APPLICATION NUMBER: US/09/953,115A
; CURRENT FILING DATE: 2001-09-13
; PRIOR APPLICATION NUMBER: 60/232,597
; PRIOR FILING DATE: 2000-09-14

```

```
; NUMBER OF SEQ ID NOS: 33029
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 21731
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-09-953-115A-21731

Query Match      0.8%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      890 TGCCTGTGCCCCGTCGTCATTTC 912
Db      ||||||| ||||| ||||| |||||
        25 TGCCTGTGCCCCGTCGTCATTTC 3

RESULT 114
US-10-355-577-313306
; Sequence 313306, Application US/10355577
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-UI33
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/10/355,577
; CURRENT FILING DATE: 2003-01-31
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 313306
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-355-577-313306

Query Match      0.8%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      976 TCCAGCTCTACTCCATGTTTG 998
Db      ||||||| ||||| ||||| |||||
        3 TCCAGGCTTCTCTATTGTTTG 25

RESULT 115
US-10-355-577-560795/c
; Sequence 560795, Application US/10355577
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-UI33
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/10/355,577
; CURRENT FILING DATE: 2003-01-31
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 560795
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-355-577-560795

Query Match      0.8%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1217 CTGACCCCATCTTCGACAGCC 1239
Db      ||||||| ||||||| |||||||
        25 CCGACCCCTTCTTGACAGCTC 3

RESULT 116
US-10-719-956-535328
; Sequence 535328, Application US/10719956
; GENERAL INFORMATION:
```

```
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 535328
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-956-535328

Query Match      0.8%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      908 TTTTCTTGTGCTTTGCCCTTTTA 930
Db      ||||||| ||||||| |||||||
        2 TTTTCTGCTCTAGCCTTTGA 24

RESULT 117
US-60-353-987-313306
; Sequence 313306, Application US/60353987
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-UI33
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/60/353,987
; CURRENT FILING DATE: 2002-02-01
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 313306
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-60-353-987-313306

Query Match      0.8%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      976 TCCAGCTCTACTCCATGTTTG 998
Db      ||||||| ||||| ||||| |||||
        3 TCCAGGCTTCTCTATTGTTTG 25

RESULT 118
US-60-353-987-560795/c
; Sequence 560795, Application US/60353987
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-UI33
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/60/353,987
; CURRENT FILING DATE: 2002-02-01
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 560795
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-60-353-987-560795

Query Match      0.8%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1217 CTGACCCCATCTTCGACAGCC 1239
Db      ||||||| ||||||| |||||||
        3 TCCAGGCTTCTCTATTGTTTG 25
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Db 25 CCGACCCCTCTCTCGCAGATC 3

RESULT 119
US-60-427-836-535328
; Sequence 535328, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 535328
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-535328

Query Match 0.8%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 908 TTTTCTTGCTCTTGCTTTTA 930
||||| ||||| ||||| ||||| |||||
Db 2 TTTTCTTGCTCTTGCTTTGA 24

RESULT 120
US-60-507-511-171767/c
; Sequence 171767, Application US/60507511
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William M
; TITLE OF INVENTION: NUCLEIC ACID ARRAYS FOR DETECTING GENE EXPRESSION ASSOCIATED WITH
; FILE REFERENCE: AM 101081
; CURRENT APPLICATION NUMBER: US/60/507,511
; CURRENT FILING DATE: 2003-10-02
; NUMBER OF SEQ ID NOS: 203623
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 171767
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-60-507-511-171767

Query Match 0.8%; Score 18.2; DB 1; Length 25;
Best Local Similarity 87.0%; Pred. No. 1.6e+02;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1067 CAGCTTCAGTCCCACTCCAGGC 1089
||||| ||||| ||||| ||||| |||||
Db 24 CAGCTTCAGTCCCACTCCGGC 2

RESULT 121
US-08-192-861-15/c
; Sequence 15, Application US/08192861
; GENERAL INFORMATION:
; APPLICANT: Le, Junning
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter E.
; APPLICANT: Grayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott A.
; TITLE OF INVENTION: ANTI-TNF ANTIBODIES AND PEPTIDES
; TITLE OF INVENTION: OF HUMAN TUMOR NECROSIS FACTOR
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Browdy and Neimark
; STREET: 419 Seventh Street, N.W.

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 835 TTGTGCTACCCAGATT 852
||||| ||||| ||||| ||||| |||||
Db 18 TTGTGCTACCCAGATT 1

RESULT 122
US-08-442-133-10/c
; Sequence 10, Application US/08442133
; GENERAL INFORMATION:
; APPLICANT: Scallion, Bernard
; APPLICANT: Grayeb, John
; TITLE OF INVENTION: IMMUNORECEPTOR MOLECULES SPECIFIC
; TITLE OF INVENTION: FOR TUMOR NECROSIS FACTOR
; NUMBER OF SEQUENCES: 21
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: MA
; COUNTRY: US
; ZIP: 02173
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25

; CITY: Washington
; STATE: D.C.
; COUNTRY: USA
; ZIP: 20004
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/192,861
; FILING DATE: 04-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/013,413
; FILING DATE: 02-FEB-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/010,406
; FILING DATE: 29-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/943,852
; FILING DATE: 11-SEP-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/853,606
; FILING DATE: 18-MAR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/670,827
; FILING DATE: 18-MAR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: TOWNSEND, G. Kevin
; REGISTRATION NUMBER: 34,033
; REFERENCE/DOCKET NUMBER: LE1/VILCEK-3E
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-628-5197
; TELEFAX: 202-737-3528
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cdna
US-08-192-861-15

;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/442,133
;; FILING DATE: 02-FEB-1993
;; CLASSIFICATION: 424
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 08/010,406
;; FILING DATE: January 29, 1993
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Brook, David E.
;; REGISTRATION NUMBER: 22,592
;; REFERENCE/DOCKET NUMBER: CTR93-01
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (617) 861-6240
;; TELEFAX: (617) 861-9540
;; INFORMATION FOR SEQ ID NO: 10:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 18
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: DNA
;; ANTI-SENSE: NO
US-08-442-133-10

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 835 TTGTGCTACCCGAGATT 852
DB 18 TTGTGCTACCCGAGATT 1

RESULT 123
US-08-570-674-15/c
; Sequence 15, Application US/08570674
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vliček, Jan
; APPLICANT: Daddona, Peter E.
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott A.
; TITLE OF INVENTION: ANTI-TNF ANTIBODIES AND PEPTIDES
; TITLE OF INVENTION: OF HUMAN TUMOR NECROSIS FACTOR
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02173
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/570,674
; FILING DATE: 11-DEC-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/324,799
; FILING DATE: 18-OCT-1994
; APPLICATION DATA:
; APPLICATION NUMBER: 08/192,093
; FILING DATE: 04-FEB-1994
; APPLICATION DATA:
; APPLICATION NUMBER: 08/192,102
; FILING DATE: 04-FEB-1994
; APPLICATION DATA:
; APPLICATION NUMBER: 08/192,861
; FILING DATE: 04-FEB-1994

;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/013,413
;; FILING DATE: 02-FEB-1993
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/010,406
;; FILING DATE: 29-JAN-1993
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 07/943,852
;; FILING DATE: 11-SEP-1992
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 07/853,606
;; FILING DATE: 18-MAR-1992
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 07/670,827
;; FILING DATE: 18-MAR-1991
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Brook, David E.
;; REGISTRATION NUMBER: 22,592
;; REFERENCE/DOCKET NUMBER: NYU93-01M4A
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (617) 861-6240
;; TELEFAX: (617) 861-9540
;; INFORMATION FOR SEQ ID NO: 15:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 18 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: CDNA
US-08-570-674-15

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 835 TTGTGCTACCCGAGATT 852
DB 18 TTGTGCTACCCGAGATT 1

RESULT 124
US-09-695-451-47/c
; Sequence 47, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 47
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-47

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 732 GGAGAAACAGAACCGT 749
DB 18 GGAGAAACAGAACCGT 1

RESULT 125
US-09-695-451-48/c
; Sequence 48, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 48
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-48

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 786 CGAGTGTGTCTCCTGTAG 803
Db 18 CGAGTGTGTCTCCTGTAG 1

RESULT 126
US-09-695-451-49/c
; Sequence 49, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 49
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-49

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 796 TCCTGTAGTACTGTAG 813
Db 18 TCCTGTAGTACTGTAG 1

RESULT 127

US-09-695-451-50/c
; Sequence 50, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 50
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-50

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 802 AGTAACCTGTAAGAAAGC 819
Db 18 AGTAACCTGTAAGAAAGC 1

RESULT 128
US-09-695-451-51/c
; Sequence 51, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 51
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-51

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 807 CTGTAAGAAAGCCCTGGA 824
Db 18 CTGTAAGAAAGCCCTGGA 1

RESULT 129
US-09-695-451-52/c
; Sequence 52, Application US/09695451
; GENERAL INFORMATION:

```
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 52
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-52
```

```
Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 845 CCAGATTGAGATGTTA 862
Db 18 CCAGATTGAGATGTTA 1
```

```
RESULT 130
US-09-695-451-53/c
; Sequence 53, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 53
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-53
```

```
Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 873 GGACTCAGGCACACAGT 890
Db 18 GGACTCAGGCACACAGT 1
```

```
RESULT 131
US-09-695-451-54/c
; Sequence 54, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
```

```
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 54
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-54
```

```
Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 906 CATTTCTTGTCTTTG 923
Db 18 CATTTCTTGTCTTTG 1
```

```
RESULT 132
US-09-695-451-55/c
; Sequence 55, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 55
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-55
```

```
Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 911 TCTTTGTCTTTGCTTT 928
Db 18 TCTTTGTCTTTGCTTT 1
```

```
RESULT 133
US-09-695-451-56/c
; Sequence 56, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
```



```
/ CURRENT APPLICATION NUMBER: US/09/695,451
/ CURRENT FILING DATE: 2000-10-24
/ PRIOR APPLICATION NUMBER: US 09/106,038
/ PRIOR FILING DATE: 1998-06-26
/ PRIOR APPLICATION NUMBER: PCT/US99/13763
/ PRIOR FILING DATE: 1999-06-17
/ NUMBER OF SEQ ID NOS: 246
/ SOFTWARE: FastSEQ for Windows Version 4.0
/ SEQ ID NO 56
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-56
```

```
Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 921 TTGCTTTTATCCCTCCT 938
| | | | | | | | | | | | | | | |
Db 18 TTGCTTTTATCCCTCCT 1
```

RESULT 134

```
US-09-695-451-57/c
/ Sequence 57, Application US/09695451
/ GENERAL INFORMATION:
/ APPLICANT: Brenda F. Baker
/ APPLICANT: Lex M. Cowser
/ APPLICANT: Hong Zhang
/ APPLICANT: Nicholas M. Dean
/ TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
/ FILE REFERENCE: ISPH-0518
/ CURRENT APPLICATION NUMBER: US/09/695,451
/ CURRENT FILING DATE: 2000-10-24
/ PRIOR APPLICATION NUMBER: US 09/106,038
/ PRIOR FILING DATE: 1998-06-26
/ PRIOR APPLICATION NUMBER: PCT/US99/13763
/ PRIOR FILING DATE: 1999-06-17
/ NUMBER OF SEQ ID NOS: 246
/ SOFTWARE: FastSEQ for Windows Version 4.0
/ SEQ ID NO 57
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-57
```

```
Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 929 TATCCCTCCTCTTCATTG 946
| | | | | | | | | | | | | | | |
Db 18 TATCCCTCCTCTTCATTG 1
```

RESULT 135

```
US-09-695-451-58/c
/ Sequence 58, Application US/09695451
/ GENERAL INFORMATION:
/ APPLICANT: Brenda F. Baker
/ APPLICANT: Lex M. Cowser
/ APPLICANT: Hong Zhang
/ APPLICANT: Nicholas M. Dean
/ TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
/ FILE REFERENCE: ISPH-0518
/ CURRENT APPLICATION NUMBER: US/09/695,451
/ CURRENT FILING DATE: 2000-10-24
/ PRIOR APPLICATION NUMBER: US 09/106,038
```

```
/ PRIOR FILING DATE: 1998-06-26
/ PRIOR APPLICATION NUMBER: PCT/US99/13763
/ PRIOR FILING DATE: 1999-06-17
/ NUMBER OF SEQ ID NOS: 246
/ SOFTWARE: FastSEQ for Windows Version 4.0
/ SEQ ID NO 58
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-58
```

```
Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 935 TCCCTTCATTGGTTTAA 952
| | | | | | | | | | | | | | | |
Db 18 TCCCTTCATTGGTTTAA 1
```

RESULT 136

```
US-09-695-451-59/c
/ Sequence 59, Application US/09695451
/ GENERAL INFORMATION:
/ APPLICANT: Brenda F. Baker
/ APPLICANT: Lex M. Cowser
/ APPLICANT: Hong Zhang
/ APPLICANT: Nicholas M. Dean
/ TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
/ FILE REFERENCE: ISPH-0518
/ CURRENT APPLICATION NUMBER: US/09/695,451
/ CURRENT FILING DATE: 2000-10-24
/ PRIOR APPLICATION NUMBER: US 09/106,038
/ PRIOR FILING DATE: 1998-06-26
/ PRIOR APPLICATION NUMBER: PCT/US99/13763
/ PRIOR FILING DATE: 1999-06-17
/ NUMBER OF SEQ ID NOS: 246
/ SOFTWARE: FastSEQ for Windows Version 4.0
/ SEQ ID NO 59
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-59
```

```
Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy 952 ATGTATCGCTACCAACGG 969
| | | | | | | | | | | | | | | |
Db 18 ATGTATCGCTACCAACGG 1
```

RESULT 137

```
US-09-695-451-60/c
/ Sequence 60, Application US/09695451
/ GENERAL INFORMATION:
/ APPLICANT: Brenda F. Baker
/ APPLICANT: Lex M. Cowser
/ APPLICANT: Hong Zhang
/ APPLICANT: Nicholas M. Dean
/ TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
/ FILE REFERENCE: ISPH-0518
/ CURRENT APPLICATION NUMBER: US/09/695,451
/ CURRENT FILING DATE: 2000-10-24
/ PRIOR APPLICATION NUMBER: US 09/106,038
/ PRIOR FILING DATE: 1998-06-26
/ PRIOR APPLICATION NUMBER: PCT/US99/13763
/ PRIOR FILING DATE: 1999-06-17
```

```
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 60
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-60
```

```
Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 992 TTGTTTCTGGGAATCGA 1009
| | | | | | | | | | | | | | | |
DB 18 TTGTTTCTGGGAATCGA 1
```

```
RESULT 138
US-09-695-451-61/c
; Sequence 61, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 61
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-61
```

```
Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1033 GAAGGAAGTACTACTAAG 1050
| | | | | | | | | | | | | | | |
DB 18 GAAGGAAGTACTACTAAG 1
```

```
RESULT 139
US-09-695-451-62/c
; Sequence 62, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 62
```

```
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-62
```

```
Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1075 AGTCCCACTCCAGGCTTC 1092
| | | | | | | | | | | | | | | |
DB 18 AGTCCCACTCCAGGCTTC 1
```

```
RESULT 140
US-09-695-451-63/c
; Sequence 63, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 63
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-63
```

```
Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 1098 CACCTGGGCTTCAGTCC 1115
| | | | | | | | | | | | | | | |
DB 18 CACCTGGGCTTCAGTCC 1
```

```
RESULT 141
US-09-695-451-64/c
; Sequence 64, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 64
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-64

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1113 TCCCGTCCAGTTCAC 1130
|||
Db 18 TCCCGTCCAGTTCAC 1

RESULT 142

US-09-695-451-65/c
; Sequence 65, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 65
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-65

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1118 TGCCAGTTCACCTTCA 1135
|||
Db 18 TGCCAGTTCACCTTCA 1

RESULT 143

US-09-695-451-66/c
; Sequence 66, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 66
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-66

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1127 CCACCTTCACCTCCAGCT 1144
|||
Db 18 CCACCTTCACCTCCAGCT 1

RESULT 144

US-09-695-451-67/c
; Sequence 67, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 67
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-67

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1162 GACTGTCCCACTTTGCG 1179
|||
Db 18 GACTGTCCCACTTTGCG 1

RESULT 145

US-09-695-451-68/c
; Sequence 68, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 68
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-68

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;

Matches	18;	Conservative	0;	Mismatches	0;	Indels	0;	Gaps	0;
---------	-----	--------------	----	------------	----	--------	----	------	----

QY 1184 CCCGAGAGAGGTGGCAC 1201
Db 18 CCCGAGAGAGGTGGCAC 1

```

RESULT 146
US-09-695-451-69/c
; Sequence 69, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNF $\alpha$  EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 69
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-69

```

QY 1269 TCAGAAGTGGGAGGACAG 1286
Db 18 TCAGAAGTGGGAGGACAG 1

```

RESULT 147
US-09-695-451-70/c
; Sequence 70, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowsett
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNF $\alpha$  EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 70
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-70

```

QY 1290 CCACAAGCCACAGAGCCT 1307

Db 18 CCACAGCCACAGAGCCT 1

```

RESULT 148
US-09-695-451-111/c
; Sequence 111, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowsett
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 111
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
US-09-695-451-111

```

QY 727 TGCCAGGAGAAACAGAAC 744
|||
Db 18 TGCCAGGAGAAACAGAAC 1

```

RESULT 149
US-09-695-451-112/c
; Sequence 112, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowsett
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNF $\alpha$  EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 112
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-112

```

QY 729 CCAGGAGAAACAGAACAC 746
D_b 18 CCAGGAGAAACAGAACAC 1

```
RESULT 150
US-09-695-451-113/c
; Sequence 113, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 113
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-113
```

```
Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 731 AGGAGAAACAGACACCG 748
Db 18 AGGAGAAACAGACACCG 1
```

```
RESULT 151
US-09-695-451-114/c
; Sequence 114, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 114
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-114
```

```
Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 775 CTAAGAGAAACAGAGTCT 792
Db 18 CTAAGAGAAACAGAGTCT 1
```

```
RESULT 152
US-09-695-451-115/c
```

```
; Sequence 115, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 115
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-115
```

```
Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 779 GAGAAACGAGTGTGTCT 796
Db 18 GAGAAACGAGTGTGTCT 1
```

```
RESULT 153
US-09-695-451-116/c
; Sequence 116, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 116
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-116
```

```
Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 781 GAAACGAGTGTGTCTCC 798
Db 18 GAAACGAGTGTGTCTCC 1
```

```
RESULT 154
US-09-695-451-117/c
; Sequence 117, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
```

```

; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 117
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-117

```

```

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 803 GTAACGTGAAGAAAGCC 820
Db 18 GTAACGTGAAGAAAGCC 1

```

```

RESULT 155
US-09-695-451-118/c
; Sequence 118, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/695,451
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 118
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-118

```

```

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 805 AACTGTGAAGAAAGCC 822
Db 18 AACTGTGAAGAAAGCC 1

```

```

RESULT 156
US-09-695-451-119/c
; Sequence 119, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean

```

```

; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 119
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-119

```

```

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 846 CCAGATTGAGATGTTAA 863
Db 18 CCAGATTGAGATGTTAA 1

```

```

RESULT 157
US-09-695-451-120/c
; Sequence 120, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/695,451
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 120
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-120

```

```

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

QY 899 CCCTGGTCATTTCTTTG 916
Db 18 CCCTGGTCATTTCTTTG 1

```

```

RESULT 158
US-09-695-451-121/c
; Sequence 121, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451

```

```
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 121
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-121

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 903 GGCATTTCTTTGGTCT 920
      |||||
Db 18 GGCATTTCTTTGGTCT 1

RESULT 159
US-09-695-451-122/c
; Sequence 122, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowsett
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 122
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-122

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 905 TCATTTCTTTGGTCTTT 922
      |||||
Db 18 TCATTTCTTTGGTCTTT 1

RESULT 160
US-09-695-451-123/c
; Sequence 123, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowsett
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
```

```
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 123
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-123

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 909 TTTCCTTTGGTCTTTGCCCT 926
      |||||
Db 18 TTTCCTTTGGTCTTTGCCCT 1

RESULT 161
US-09-695-451-124/c
; Sequence 124, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowsett
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 124
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-124

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 915 TGGTCTTTGGCCTTTTATC 932
      |||||
Db 18 TGGTCTTTGGCCTTTTATC 1

RESULT 162
US-09-695-451-125/c
; Sequence 125, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowsett
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
```

```
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 125
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-125

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 917 GCTTTGCTTTTATCC 934
      |||||
Db 18 GCTTTGCTTTTATCC 1

RESULT 163
US-09-695-451-126/c
; Sequence 126, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 126
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-126

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 919 CTTTGCCTTTTATCC 936
      |||||
Db 18 CTTTGCCTTTTATCC 1

RESULT 164
US-09-695-451-127/c
; Sequence 127, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 127
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-127/c

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 923 GCCTTTATCCCTCCT 940
      |||||
Db 18 GCCTTTATCCCTCCT 1

RESULT 165
US-09-695-451-128/c
; Sequence 128, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 128
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-128

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 925 CTTTATCCCTCCTTC 942
      |||||
Db 18 CTTTATCCCTCCTTC 1

RESULT 166
US-09-695-451-129/c
; Sequence 129, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 129
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-129/c
```



```
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-129

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 927 TTTATCCCTCTCTTCAT 944
    |||||
Db 18 TTTATCCCTCTCTTCAT 1

RESULT 167
US-09-695-451-130/c
; Sequence 130, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowsett
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 130
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-130

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 931 TCCTCTCTCTTCATGGT 948
    |||||
Db 18 TCCTCTCTCTTCATGGT 1

RESULT 168
US-09-695-451-131/c
; Sequence 131, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowsett
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 131
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-131

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 933 CCTCCTCTTCATGGTTT 950
    |||||
Db 18 CCTCCTCTTCATGGTTT 1

RESULT 169
US-09-695-451-132/c
; Sequence 132, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowsett
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 132
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-132

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 950 TAATGATCGCTACCAAC 967
    |||||
Db 18 TAATGATCGCTACCAAC 1

RESULT 170
US-09-695-451-133/c
; Sequence 133, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowsett
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 133
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-133

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```



```
RESULT 175
US-09-695-451-138/c
; Sequence 138, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowsett
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 138
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-138

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1222 CCCATCCTTGGCAGACC 1239
Db 18 CCCATCCTTGGCAGACC 1

RESULT 176
US-09-695-451-139/c
; Sequence 139, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowsett
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 139
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-139

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1270 CAGAAGTGGGAGGACGC 1287
Db 18 CAGAAGTGGGAGGACGC 1

RESULT 177
US-09-695-451-140/c
; Sequence 140, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowsett
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 140
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-140/c

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1287 CGCCCAAGCCACAGC 1304
Db 18 CGCCCAAGCCACAGC 1

RESULT 178
US-09-695-451-141/c
; Sequence 141, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowsett
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 141
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-141

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1272 GAAGTGGGAGGACGCC 1289
Db 18 GAAGTGGGAGGACGCC 1

RESULT 179
US-09-695-451-142/c
; Sequence 142, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowsett
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 142
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-142/c

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1287 CGCCCAAGCCACAGC 1304
Db 18 CGCCCAAGCCACAGC 1

RESULT 179
US-09-695-451-142/c
; Sequence 142, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowsett
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 142
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-142/c

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1287 CGCCCAAGCCACAGC 1304
Db 18 CGCCCAAGCCACAGC 1
```

```
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 142
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-142

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1289 CCACAAAGCCACAGAGCC 1306
DB 18 CCACAAAGCCACAGAGCC 1

RESULT 180
US-09-695-451-143/c
; Sequence 143, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 143
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-143

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1291 CACAGCCACAGAGCCTA 1308
DB 18 CACAGCCACAGAGCCTA 1

RESULT 181
US-09-695-451-144/c
; Sequence 144, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
```

```
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 144
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-144

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1293 CAAGCCACAGAGCCTAGA 1310
DB 18 CAAGCCACAGAGCCTAGA 1

RESULT 182
US-09-756-161A-15/c
; Sequence 15, Application US/09756161A
; GENERAL INFORMATION:
; APPLICANT: Le. Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; TITLE OF INVENTION: Human Tumor Necrosis Factor
; FILE REFERENCE: 0975.1005-007
; CURRENT APPLICATION NUMBER: US/09/756,161A
; CURRENT FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-03-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR oligonucleotides
US-09-756-161A-15
```

Query Match 0.8%; Score 18; DB 1; Length 18;
 Best Local Similarity 100.0%; Pred. No. 1.2e+02;
 Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 835 TTGTGCTACCCAGATT 852
 Db 18 TTGTGCTACCCAGATT 1

RESULT 183

US-09-756-301A-15/c
 ; Sequence 15, Application US/09756301A
 ; GENERAL INFORMATION:
 ; APPLICANT: Le, Junning
 ; APPLICANT: Vilcek, Jan
 ; APPLICANT: Daddona, Peter
 ; APPLICANT: Grayeb, John
 ; APPLICANT: Knight, David M.
 ; APPLICANT: Siegel, Scott
 ; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
 ; FILE REFERENCE: 0975.1005-008
 ; CURRENT APPLICATION NUMBER: US/09756,301A
 ; CURRENT FILING DATE: 2001-01-08
 ; PRIOR APPLICATION NUMBER: U.S. 09/133,119
 ; PRIOR FILING DATE: 1998-08-12
 ; PRIOR APPLICATION NUMBER: U.S. 08/570,674
 ; PRIOR FILING DATE: 1995-12-11
 ; PRIOR APPLICATION NUMBER: U.S. 08/324,799
 ; PRIOR FILING DATE: 1994-10-18
 ; PRIOR APPLICATION NUMBER: U.S. 08/192,102
 ; PRIOR FILING DATE: 1994-02-04
 ; PRIOR APPLICATION NUMBER: U.S. 08/192,861
 ; PRIOR FILING DATE: 1994-02-04
 ; PRIOR APPLICATION NUMBER: U.S. 08/192,093
 ; PRIOR FILING DATE: 1994-02-04
 ; PRIOR APPLICATION NUMBER: U.S. 08/010,406
 ; PRIOR FILING DATE: 1993-01-29
 ; PRIOR APPLICATION NUMBER: U.S. 08/013,413
 ; PRIOR FILING DATE: 1993-02-02
 ; PRIOR APPLICATION NUMBER: U.S. 07/943,852
 ; PRIOR FILING DATE: 1992-09-11
 ; PRIOR APPLICATION NUMBER: U.S. 07/853,606
 ; PRIOR FILING DATE: 1992-03-18
 ; Remaining Prior Application data removed - See File Wrapper or PALM.

; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 15
 ; LENGTH: 18
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: PCR oligonucleotides
 US-09-756-301A-15

Query Match 0.8%; Score 18; DB 1; Length 18;
 Best Local Similarity 100.0%; Pred. No. 1.2e+02;
 Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 835 TTGTGCTACCCAGATT 852
 Db 18 TTGTGCTACCCAGATT 1

RESULT 184

US-09-756-301B-15/c
 ; Sequence 15, Application US/09756301B
 ; GENERAL INFORMATION:
 ; APPLICANT: Le, Junning
 ; APPLICANT: Vilcek, Jan
 ; APPLICANT: Daddona, Peter
 ; APPLICANT: Grayeb, John

; APPLICANT: Knight, David M.
 ; APPLICANT: Siegel, Scott
 ; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
 ; FILE REFERENCE: 0975.1005-008
 ; CURRENT APPLICATION NUMBER: US/09756,301B
 ; CURRENT FILING DATE: 2001-01-08
 ; PRIOR APPLICATION NUMBER: U.S. 09/133,119
 ; PRIOR FILING DATE: 1998-08-12
 ; PRIOR APPLICATION NUMBER: U.S. 08/570,674
 ; PRIOR FILING DATE: 1995-12-11
 ; PRIOR APPLICATION NUMBER: U.S. 08/324,799
 ; PRIOR FILING DATE: 1994-10-18
 ; PRIOR APPLICATION NUMBER: U.S. 08/192,102
 ; PRIOR FILING DATE: 1994-02-04
 ; PRIOR APPLICATION NUMBER: U.S. 08/192,861
 ; PRIOR FILING DATE: 1994-02-04
 ; PRIOR APPLICATION NUMBER: U.S. 08/192,093
 ; PRIOR FILING DATE: 1994-02-04
 ; PRIOR APPLICATION NUMBER: U.S. 08/010,406
 ; PRIOR FILING DATE: 1993-01-29
 ; PRIOR APPLICATION NUMBER: U.S. 08/013,413
 ; PRIOR FILING DATE: 1993-02-02
 ; PRIOR APPLICATION NUMBER: U.S. 07/943,852
 ; PRIOR FILING DATE: 1992-09-11
 ; PRIOR APPLICATION NUMBER: U.S. 07/853,606
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 15
 ; LENGTH: 18
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: PCR oligonucleotides
 US-09-756-301B-15

Query Match 0.8%; Score 18; DB 1; Length 18;
 Best Local Similarity 100.0%; Pred. No. 1.2e+02;
 Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 835 TTGTGCTACCCAGATT 852
 Db 18 TTGTGCTACCCAGATT 1

RESULT 185

US-09-756-398B-15/c
 ; Sequence 15, Application US/09756398B
 ; GENERAL INFORMATION:
 ; APPLICANT: Le, Junning
 ; APPLICANT: Vilcek, Jan
 ; APPLICANT: Daddona, Peter
 ; APPLICANT: Grayeb, John
 ; APPLICANT: Knight, David M.
 ; APPLICANT: Siegel, Scott

; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
 ; FILE REFERENCE: 0975.1005-006
 ; CURRENT APPLICATION NUMBER: US/09756,398B
 ; CURRENT FILING DATE: 2001-01-08
 ; PRIOR APPLICATION NUMBER: U.S. 09/133,119
 ; PRIOR FILING DATE: 1998-08-12
 ; PRIOR APPLICATION NUMBER: U.S. 08/570,674
 ; PRIOR FILING DATE: 1995-12-11
 ; PRIOR APPLICATION NUMBER: U.S. 08/324,799
 ; PRIOR FILING DATE: 1994-10-18
 ; PRIOR APPLICATION NUMBER: U.S. 08/192,102
 ; PRIOR FILING DATE: 1994-02-04
 ; PRIOR APPLICATION NUMBER: U.S. 08/192,861
 ; PRIOR FILING DATE: 1994-02-04
 ; PRIOR APPLICATION NUMBER: U.S. 08/192,093

```
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR oligonucleotides
US-09-756-398B-15
```

```
Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 835 TTGTGCTACCCAGATT 852
Db 18 TTGTGCTACCCAGATT 1
```

RESULT 186

```
US-09-766-535A-15/c
; Sequence 15, Application US/09766535A
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; FILE REFERENCE: 0975.1005-010
; CURRENT APPLICATION NUMBER: US/09/766,535A
; CURRENT FILING DATE: 2001-01-18
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

```
; FEATURE:
; OTHER INFORMATION: PCR oligonucleotides
US-09-766-535A-15
```

```
Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 835 TTGTGCTACCCAGATT 852
Db 18 TTGTGCTACCCAGATT 1
```

RESULT 187

```
US-09-897-724-15/c
; Sequence 15, Application US/09897724
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; FILE REFERENCE: 0975.1005-012
; CURRENT APPLICATION NUMBER: US/09/897,724
; CURRENT FILING DATE: 2001-07-02
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR oligonucleotides
US-09-897-724-15
```

```
Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY 835 TTGTGCTACCCAGATT 852
Db 18 TTGTGCTACCCAGATT 1
```

RESULT 188

```
US-09-927-703-15/c
; Sequence 15, Application US/09927703
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; FILE REFERENCE: 0975.1005-013
; CURRENT APPLICATION NUMBER: US/09/927,703
```

; CURRENT FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: U.S. 09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR oligonucleotides
US-09-927-703-15

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 835 TTGTGCTACCCAGATT 852
Db 18 TTGTGCTACCCAGATT 1

RESULT 189
US-10-010-229-15/c
; Sequence 15, Application US/10010229
; GENERAL INFORMATION:
; APPLICANT: Le, Junning
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Grayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; FILE REFERENCE: 0975.1005-013
; CURRENT FILING DATE: 2001-12-07
; PRIOR APPLICATION NUMBER: US/09/927,703
; PRIOR FILING DATE: 2001-08-10
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR oligonucleotides
US-10-010-229-15

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;

Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 835 TTGTGCTACCCAGATT 852
Db 18 TTGTGCTACCCAGATT 1

RESULT 190
US-10-043-432-15/c
; Sequence 15, Application US/10043432
; GENERAL INFORMATION:
; APPLICANT: Le, Junning
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Grayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; FILE REFERENCE: 0975.1005-013
; CURRENT FILING DATE: 2002-01-10
; PRIOR APPLICATION NUMBER: 09/927,703
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: U.S. 09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR oligonucleotides
US-10-043-432-15

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 835 TTGTGCTACCCAGATT 852
Db 18 TTGTGCTACCCAGATT 1

RESULT 191
US-10-043-436-15/c
; Sequence 15, Application US/10043436
; GENERAL INFORMATION:
; APPLICANT: Le, Junning
; APPLICANT: Vilcek, Jan

```

; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; FILE REFERENCE: 0975.1005-013
; CURRENT APPLICATION NUMBER: US/10/043,436
; CURRENT FILING DATE: 2002-01-10
; PRIOR APPLICATION NUMBER: US/09/927,703
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: U.S. 09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR oligonucleotides
US-10-043-436-15

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 835 TTGTGCTACCCAGATT 852
Db 18 TTGTGCTACCCAGATT 1

RESULT 193
US-10-043-450-15/c
; Sequence 15, Application US/10043450
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; FILE REFERENCE: 0975.1005-013
; CURRENT APPLICATION NUMBER: US/10/043,450
; CURRENT FILING DATE: 2002-01-10
; PRIOR APPLICATION NUMBER: 09/927,703
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: U.S. 09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406

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; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR oligonucleotides
US-10-043-450-15

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 835 TTGTGCTACCCAGATT 852
Db 18 TTGTGCTACCCAGATT 1

RESULT 193
US-10-044-534-15/c
; Sequence 15, Application US/10044534
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; FILE REFERENCE: 0975.1005-013
; CURRENT APPLICATION NUMBER: US/10/044,534
; CURRENT FILING DATE: 2002-01-10
; PRIOR APPLICATION NUMBER: 09/927,703
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: U.S. 09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406

```


RESULT 196

```
; Sequence 15, Application US/10187121
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; FILE REFERENCE: 0975.1005-006
; CURRENT APPLICATION NUMBER: US/10/187,121
; PRIOR FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: US 09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR oligonucleotides
US-10-187-121-15

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 835 TTGTGCTACCCAGATT 852
Db 18 TTGTGCTACCCAGATT 1

RESULT 197
US-10-198-845-15/c
; Sequence 15, Application US/10198845
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; FILE REFERENCE: 0975.1005-006
; CURRENT APPLICATION NUMBER: US/10/198,845
; PRIOR FILING DATE: 2002-07-18
; PRIOR APPLICATION NUMBER: US/09/756,398
; PRIOR FILING DATE: 2001-01-08
```

```
; Sequence 15, Application US/10187121
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; FILE REFERENCE: 0975.1005-006
; CURRENT APPLICATION NUMBER: US/10/200,795
; PRIOR FILING DATE: 2002-07-22
; PRIOR APPLICATION NUMBER: US/09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR oligonucleotides
US-10-198-845-15

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 835 TTGTGCTACCCAGATT 852
Db 18 TTGTGCTACCCAGATT 1

RESULT 198
US-10-200-795-15/c
; Sequence 15, Application US/10200795
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; FILE REFERENCE: 0975.1005-006
; CURRENT APPLICATION NUMBER: US/10/200,795
; PRIOR FILING DATE: 2002-07-22
; PRIOR APPLICATION NUMBER: US/09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
```

; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR oligonucleotides
US-10-200-795-15

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 835 TTGTGCTACCCAGATT 852
Db 18 TTGTGCTACCCAGATT 1

RESULT 199

US-10-208-145-15/c
; Sequence 15, Application US/10208145
; GENERAL INFORMATION:

; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Grayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; FILE REFERENCE: 0975.1005-006
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US/09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR oligonucleotides
US-10-208-145-15

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 835 TTGTGCTACCCAGATT 852
Db 18 TTGTGCTACCCAGATT 1

RESULT 200

US-10-227-488-15/c
; Sequence 15, Application US/10227488
; GENERAL INFORMATION:

; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Grayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; FILE REFERENCE: 0975.1005-025
; CURRENT FILING DATE: 2002-08-23
; PRIOR APPLICATION NUMBER: U.S. 09/766,535
; PRIOR FILING DATE: 2001-01-18
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR oligonucleotides
US-10-227-488-15

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 835 TTGTGCTACCCAGATT 852
Db 18 TTGTGCTACCCAGATT 1

RESULT 201

US-10-319-011-15/c
; Sequence 15, Application US/10319011
; GENERAL INFORMATION:

; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Grayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott

```
/ TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
/ TITLE OF INVENTION: Human Tumor Necrosis Factor
/ FILE REFERENCE: 0975.1005-006
/ CURRENT APPLICATION NUMBER: US/10/319,011
/ CURRENT FILING DATE: 2002-12-12
/ PRIOR APPLICATION NUMBER: US/09/756,398
/ PRIOR FILING DATE: 2001-01-08
/ PRIOR APPLICATION NUMBER: U.S. 09/133,119
/ PRIOR FILING DATE: 1998-08-12
/ PRIOR APPLICATION NUMBER: U.S. 08/570,674
/ PRIOR FILING DATE: 1995-12-11
/ PRIOR APPLICATION NUMBER: U.S. 08/324,799
/ PRIOR FILING DATE: 1994-10-18
/ PRIOR APPLICATION NUMBER: U.S. 08/192,102
/ PRIOR FILING DATE: 1994-02-04
/ PRIOR APPLICATION NUMBER: U.S. 08/192,861
/ PRIOR FILING DATE: 1994-02-04
/ PRIOR APPLICATION NUMBER: U.S. 08/192,093
/ PRIOR FILING DATE: 1994-02-04
/ PRIOR APPLICATION NUMBER: U.S. 08/010,406
/ PRIOR FILING DATE: 1993-01-29
/ PRIOR APPLICATION NUMBER: U.S. 08/013,413
/ PRIOR FILING DATE: 1993-02-02
/ PRIOR APPLICATION NUMBER: U.S. 07/943,852
/ PRIOR FILING DATE: 1992-09-11
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 19
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 15
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: PCR oligonucleotides
US-10-319-011-15

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 835 TTGTGCTACCCAGATT 852
Db 18 TTGTGCTACCCAGATT 1

RESULT 202
US-10-371-443-15/c
/ Sequence 15, Application US/10371443
/ GENERAL INFORMATION:
/ APPLICANT: Le, Junming
/ APPLICANT: Vilcek, Jan
/ APPLICANT: Daddona, Peter
/ APPLICANT: Ghayeb, John
/ APPLICANT: Knight, David M.
/ APPLICANT: Siegel, Scott
/ TITLE OF INVENTION: Methods of Treating Joint Inflammation
/ TITLE OF INVENTION: With Chimeric Anti-TNF Antibodies
/ FILE REFERENCE: 0975.1005-031
/ CURRENT APPLICATION NUMBER: US/10/371,443
/ CURRENT FILING DATE: 2003-02-21
/ PRIOR APPLICATION NUMBER: U.S. 09/756,398
/ PRIOR FILING DATE: 2001-01-08
/ PRIOR APPLICATION NUMBER: U.S. 09/133,119
/ PRIOR FILING DATE: 1998-08-12
/ PRIOR APPLICATION NUMBER: U.S. 08/570,674
/ PRIOR FILING DATE: 1995-12-11
/ PRIOR APPLICATION NUMBER: U.S. 08/324,799
/ PRIOR FILING DATE: 1994-10-18
/ PRIOR APPLICATION NUMBER: U.S. 08/192,102
/ PRIOR FILING DATE: 1994-02-04
/ PRIOR APPLICATION NUMBER: U.S. 08/192,861
/ PRIOR FILING DATE: 1994-02-04
/ PRIOR APPLICATION NUMBER: U.S. 08/192,093
/ PRIOR FILING DATE: 1994-02-04
/ PRIOR APPLICATION NUMBER: U.S. 08/010,406
/ PRIOR FILING DATE: 1993-01-29
/ PRIOR APPLICATION NUMBER: U.S. 08/013,413
/ PRIOR FILING DATE: 1993-02-02
/ PRIOR APPLICATION NUMBER: U.S. 07/943,852
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 30
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 15
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: PCR oligonucleotides
US-10-371-961-15
```

```
/ TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
/ TITLE OF INVENTION: Human Tumor Necrosis Factor
/ FILE REFERENCE: 0975.1005-006
/ CURRENT APPLICATION NUMBER: US/10/319,011
/ CURRENT FILING DATE: 2002-12-12
/ PRIOR APPLICATION NUMBER: US/09/756,398
/ PRIOR FILING DATE: 2001-01-08
/ PRIOR APPLICATION NUMBER: U.S. 09/133,119
/ PRIOR FILING DATE: 1998-08-12
/ PRIOR APPLICATION NUMBER: U.S. 08/570,674
/ PRIOR FILING DATE: 1995-12-11
/ PRIOR APPLICATION NUMBER: U.S. 08/324,799
/ PRIOR FILING DATE: 1994-10-18
/ PRIOR APPLICATION NUMBER: U.S. 08/192,102
/ PRIOR FILING DATE: 1994-02-04
/ PRIOR APPLICATION NUMBER: U.S. 08/192,861
/ PRIOR FILING DATE: 1994-02-04
/ PRIOR APPLICATION NUMBER: U.S. 08/192,093
/ PRIOR FILING DATE: 1994-02-04
/ PRIOR APPLICATION NUMBER: U.S. 08/010,406
/ PRIOR FILING DATE: 1993-01-29
/ PRIOR APPLICATION NUMBER: U.S. 08/013,413
/ PRIOR FILING DATE: 1993-02-02
/ PRIOR APPLICATION NUMBER: U.S. 07/943,852
/ PRIOR FILING DATE: 1992-09-11
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 30
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 15
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: PCR oligonucleotides
US-10-371-443-15

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 835 TTGTGCTACCCAGATT 852
Db 18 TTGTGCTACCCAGATT 1

RESULT 203
US-10-371-961-15/c
/ Sequence 15, Application US/10371961
/ GENERAL INFORMATION:
/ APPLICANT: Le, Junming
/ APPLICANT: Vilcek, Jan
/ APPLICANT: Daddona, Peter
/ APPLICANT: Ghayeb, John
/ APPLICANT: Knight, David M.
/ APPLICANT: Siegel, Scott
/ TITLE OF INVENTION: Methods of Treating Vascular Inflammatory
/ TITLE OF INVENTION: Pathology By Multiple Administration Of Chimeric
/ TITLE OF INVENTION: Anti-TNF Antibodies
/ FILE REFERENCE: 0975.1005-033
/ CURRENT APPLICATION NUMBER: US/10/371,961
/ CURRENT FILING DATE: 2003-02-21
/ PRIOR APPLICATION NUMBER: U.S. 09/756,398
/ PRIOR FILING DATE: 2001-01-08
/ PRIOR APPLICATION NUMBER: U.S. 09/133,119
/ PRIOR FILING DATE: 1998-08-12
/ PRIOR APPLICATION NUMBER: U.S. 08/570,674
/ PRIOR FILING DATE: 1995-12-11
/ PRIOR APPLICATION NUMBER: U.S. 08/324,799
/ PRIOR FILING DATE: 1994-10-18
/ PRIOR APPLICATION NUMBER: U.S. 08/192,102
/ PRIOR FILING DATE: 1994-02-04
/ PRIOR APPLICATION NUMBER: U.S. 08/192,861
/ PRIOR FILING DATE: 1994-02-04
/ PRIOR APPLICATION NUMBER: U.S. 08/192,093
/ PRIOR FILING DATE: 1994-02-04
/ PRIOR APPLICATION NUMBER: U.S. 08/010,406
/ PRIOR FILING DATE: 1993-01-29
/ PRIOR APPLICATION NUMBER: U.S. 08/013,413
/ PRIOR FILING DATE: 1993-02-02
/ PRIOR APPLICATION NUMBER: U.S. 07/943,852
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 30
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 15
/ LENGTH: 18
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: PCR oligonucleotides
US-10-371-961-15
```

```
Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      835 TTGTGCTTACCCAGATT 852
Db      18 TTGTGCTTACCCAGATT 1

RESULT 204
US-10-371-962-15/c
; Sequence 15, Application US/10371962
; GENERAL INFORMATION:
; APPLICANT: Le, Junning
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Grayed, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Methods of Treating Psoriatic Arthritis
; TITLE OF INVENTION: With Chimeric Anti-TNF Antibodies
; FILE REFERENCE: 0975.1005-032
; CURRENT FILING DATE: 2003-02-21
; PRIOR APPLICATION NUMBER: U.S. 09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR oligonucleotides
US-10-371-962-15

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      835 TTGTGCTTACCCAGATT 852
Db      18 TTGTGCTTACCCAGATT 1

RESULT 205
US-10-379-866-15/c
; Sequence 15, Application US/10379866
; GENERAL INFORMATION:
; APPLICANT: Le, Junning
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Grayed, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Methods of Treating Ulcerative Colitis
; TITLE OF INVENTION: With Chimeric Anti-TNF Antibodies
; FILE REFERENCE: 0975.1005-034
; CURRENT FILING DATE: 2003-03-04
; PRIOR APPLICATION NUMBER: U.S. 09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR oligonucleotides
US-10-371-962-15

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      835 TTGTGCTTACCCAGATT 852
Db      18 TTGTGCTTACCCAGATT 1

RESULT 206
US-10-637-759-15/c
; Sequence 15, Application US/10637759
; GENERAL INFORMATION:
; APPLICANT: Knight, David M.
; APPLICANT: Shealy, David
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; TITLE OF INVENTION: Human Tumor Necrosis Factor
; FILE REFERENCE: 0148.2006-000
; CURRENT FILING DATE: 2003-08-08
; PRIOR APPLICATION NUMBER: US/10/637,759
; PRIOR FILING DATE: 2001-08-01
; PRIOR APPLICATION NUMBER: U.S. 09/920,137
; PRIOR FILING DATE: 2000-09-29
; PRIOR APPLICATION NUMBER: U.S. 60/236,826
; PRIOR FILING DATE: 2000-08-07
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR oligonucleotides
US-10-637-759-15
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Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 835 TTGTGCTACCCAGATT 852
DB 18 TTGTGCTACCCAGATT 1

RESULT 207
US-10-702-817-47/c
; Sequence 47, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10702,817
; PRIOR FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 47
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-47

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 732 GGAGAAACAGACACCGT 749
DB 18 GGAGAAACAGACACCGT 1

RESULT 208
US-10-702-817-48/c
; Sequence 48, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10702,817
; PRIOR FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 48
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-48

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 786 CGAGTGTCTCTCTGTAG 803
DB 18 CGAGTGTCTCTCTGTAG 1

RESULT 209
US-10-702-817-49/c
; Sequence 49, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10702,817
; PRIOR FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 49
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-49

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 796 TCCTGTAGTAAGTAAAG 813
DB 18 TCCTGTAGTAAGTAAAG 1

RESULT 210
US-10-702-817-50/c
; Sequence 50, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10702,817
; PRIOR FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 50
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-50

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 802 AGTAACTGTAAGAAAGC 819
DB 18 AGTAACTGTAAGAAAGC 1

RESULT 211
US-10-702-817-51/c
; Sequence 51, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 51
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-51

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 807 CTGTAAGAAAGCCTGGA 824
|||||
Db 18 CTGTAAGAAAGCCTGGA 1

RESULT 212
US-10-702-817-52/c
; Sequence 52, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 52
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-52

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 845 CCCAGATTGAGATGTTA 862
|||||
Db 18 CCCAGATTGAGATGTTA 1

RESULT 213
US-10-702-817-53/c
; Sequence 53, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang

; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 53
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-53

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 873 GGACTCAGGCACACAGT 890
|||||
Db 18 GGACTCAGGCACACAGT 1

RESULT 214
US-10-702-817-54/c
; Sequence 54, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 54
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-54

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 906 CATTTCCTTGGTCTTGG 923
|||||
Db 18 CATTTCCTTGGTCTTGG 1

RESULT 215
US-10-702-817-55/c
; Sequence 55, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 55
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-55

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 845 CCCAGATTGAGATGTTA 862
|||||
Db 18 CCCAGATTGAGATGTTA 1

```
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 55
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-55

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 911 TCTTGGTCTTTCCTTT 928
Db 18 TCTTGGTCTTTCCTTT 1

RESULT 216
US-10-702-817-56/c
; Sequence 56, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 56
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-56

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 921 TTGCCTTTTATCCCTCT 938
Db 18 TTGCCTTTTATCCCTCT 1

RESULT 217
US-10-702-817-57/c
; Sequence 57, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 57
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-57

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 929 TATCCCTCCTCTTCATTG 946
Db 18 TATCCCTCCTCTTCATTG 1

RESULT 218
US-10-702-817-58/c
; Sequence 58, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 58
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-58

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 935 TCCTCTTCATTGGTTTAA 952
Db 18 TCCTCTTCATTGGTTTAA 1

RESULT 219
US-10-702-817-59/c
; Sequence 59, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 59
; LENGTH: 18
; TYPE: DNA
```



```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-59

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY  952 ATGTATCGCTACCAACGG 969
Db   18 ATGTATCGCTACCAACGG 1

RESULT 220
US-10-702-817-60/c
; Sequence 60, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 60
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-60

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY  992 TTGTTTGTGGGAATCGA 1009
Db   18 TTGTTTGTGGGAATCGA 1

RESULT 221
US-10-702-817-61/c
; Sequence 61, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 61
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-61

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY  1033 GAAGGAAGTACTACTAAG 1050
Db   18 GAAGGAAGTACTACTAAG 1

RESULT 222
US-10-702-817-62/c
; Sequence 62, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 62
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-62

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY  1075 AGTCCCACTCCAGGCTTC 1092
Db   18 AGTCCCACTCCAGGCTTC 1

RESULT 223
US-10-702-817-63/c
; Sequence 63, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 63
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-63

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY  1098 CACCTGGGCTTCAGTCC 1115
```

```
Db      18  CACCCCTGGGCTTCAGTCC 1
|||||
RESULT 224
US-10-702-817-64/c
; Sequence 64, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 64
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-64

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1113  TCCCGTGCCAGTTCAC 1130
|||||
Db      18  TCCCGTGCCAGTTCAC 1

RESULT 225
US-10-702-817-65/c
; Sequence 65, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 65
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-65

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1118  TGCCAGTTCCACCTTCA 1135
|||||
Db      18  TGCCAGTTCCACCTTCA 1

RESULT 226
US-10-702-817-66/c
; Sequence 66, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 66
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-66

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1127  CCACCTTCACCTCCAGCT 1144
|||||
Db      18  CCACCTTCACCTCCAGCT 1

RESULT 227
US-10-702-817-67/c
; Sequence 67, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 67
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-67

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1162  GACTGTCCCACTTTGCG 1179
|||||
Db      18  GACTGTCCCACTTTGCG 1

RESULT 228
US-10-702-817-68/c
; Sequence 68, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
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; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 68
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-68

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1184 CCGCAGAGAGTGGCAG 1201
Db 18 CCGCAGAGAGTGGCAG 1

RESULT 229
US-10-702-817-69/c
; Sequence 69, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 69
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-69

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1269 TCAGAGTGGGAGGACAG 1286
Db 18 TCAGAGTGGGAGGACAG 1

RESULT 230
US-10-702-817-70/c
; Sequence 70, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: 09/106,038
; PRIOR FILING DATE: 1998-06-26
```

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; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 70
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-70

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1290 CCACAGCCACAGAGCCT 1307
Db 18 CCACAGCCACAGAGCCT 1

RESULT 231
US-10-702-817-111/c
; Sequence 111, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 111
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-111

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 727 TGCCAGGAGAAACAGAAC 744
Db 18 TGCCAGGAGAAACAGAAC 1

RESULT 232
US-10-702-817-112/c
; Sequence 112, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
```

```
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 112
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-112

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 729 CCAGGAGAAACAGAACAC 746
Db 18 CCAGGAGAAACAGAACAC 1

RESULT 233
US-10-702-817-113/c
; Sequence 113, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 113
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-113

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 731 AGGAGAAACAGAACACCG 748
Db 18 AGGAGAAACAGAACACCG 1

RESULT 234
US-10-702-817-114/c
; Sequence 114, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 114
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

```
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-114

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 775 CTAAGAGAAAACGAGTGT 792
Db 18 CTAAGAGAAAACGAGTGT 1

RESULT 235
US-10-702-817-115/c
; Sequence 115, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 115
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-115

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 779 GAGAAAACGAGTGTCT 796
Db 18 GAGAAAACGAGTGTCT 1

RESULT 236
US-10-702-817-116/c
; Sequence 116, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 116
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-116

Query Match          0.8%; Score 18; DB 1; Length 18;
```

Best Local Similarity 100.0%; Pred. No. 1.2e+02; Indels 0; Gaps 0;
Matches 18; Conservative 0; Mismatches 0;

QY 781 GAAACGAGTGTCTCC 798
Db 18 GAAACGAGTGTCTCC 1

RESULT 237
US-10-702-817-117/c
; Sequence 117, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10702,817
; PRIOR FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 117
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-117

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 803 GTAAGTGAAGAAAGCC 820
Db 18 GTAAGTGAAGAAAGCC 1

RESULT 238
US-10-702-817-118/c
; Sequence 118, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10702,817
; PRIOR FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 118
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-118

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 805 AACTGTAAGAAAGCCTG 822
|||

Db 18 AACTGTAAGAAAGCCTG 1

RESULT 239
US-10-702-817-119/c
; Sequence 119, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10702,817
; PRIOR FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 119
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-119

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 846 CCAGATTGAGATGTAA 863
Db 18 CCAGATTGAGATGTAA 1

RESULT 240
US-10-702-817-120/c
; Sequence 120, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10702,817
; PRIOR FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 120
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-120

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 899 CCTGTCATTTCTTG 916
Db 18 CCTGTCATTTCTTG 1

RESULT 241
US-10-702-817-121/c

```
; Sequence 121, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 121
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-121

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 903 GGTCAATTTCTTTGGTCT 920
DB 18 GGTCAATTTCTTTGGTCT 1

RESULT 242
US-10-702-817-122/c
; Sequence 122, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 122
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-122

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 905 TCATTTCTTTGGTCTTT 922
DB 18 TCATTTCTTTGGTCTTT 1

RESULT 243
US-10-702-817-123/c
; Sequence 123, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
```

```
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 125
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-125

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 917 GTCCTTGCCTTTATCC 934
Db 18 GTCCTTGCCTTTATCC 1

RESULT 246
US-10-702-817-126/c
; Sequence 126, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 126
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-126

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 919 CTTTGCCTTTATCCCTC 936
Db 18 CTTTGCCTTTATCCCTC 1

RESULT 247
US-10-702-817-127/c
; Sequence 127, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 127
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-127

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 923 GCCTTTATCCCTCCTCT 940
Db 18 GCCTTTATCCCTCCTCT 1

RESULT 248
US-10-702-817-128/c
; Sequence 128, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 128
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-128

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 925 CTTTATCCCTCCTCTTC 942
Db 18 CTTTATCCCTCCTCTTC 1

RESULT 249
US-10-702-817-129/c
; Sequence 129, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 129
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-129

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 927 TTTATCCCTCTTCAT 944
|||||
Db 18 TTTATCCCTCTTCAT 1

RESULT 250

US-10-702-817-130/c
; Sequence 130, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; PRIOR FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 130
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-130

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 931 TCCCTCTCTTCATGTT 948
|||||
Db 18 TCCCTCTCTTCATGTT 1

RESULT 251

US-10-702-817-131/c
; Sequence 131, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; PRIOR FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 131
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-131

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;

Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 933 CCTCCTCTTCATGTTT 950
|||||
Db 18 CCTCCTCTTCATGTTT 1

RESULT 252

US-10-702-817-132/c
; Sequence 132, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 132
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-132

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 950 TAATGTATCGCTACCAAC 967
|||||
Db 18 TAATGTATCGCTACCAAC 1

RESULT 253

US-10-702-817-133/c
; Sequence 133, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 133
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-133

Query Match 0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 952 ATGTATCGCTACCAACGG 969
|||||
Db 18 ATGTATCGCTACCAACGG 1


```

RESULT 254
US-10-702-817-134/c
; Sequence 134, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 134
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-134

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 954 GTATCGTACCAACGGTG 971
DB 18 GTATCGTACCAACGGTG 1

RESULT 255
US-10-702-817-135/c
; Sequence 135, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 135
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-135

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 982 CTCCTACTCCATTGTTGT 999
DB 18 CTCCTACTCCATTGTTGT 1

RESULT 256
US-10-702-817-136/c
; Sequence 136, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 136
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-136

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 992 TTGTTTGTGGGAATCGA 1009
DB 18 TTGTTTGTGGGAATCGA 1

RESULT 257
US-10-702-817-137/c
; Sequence 137, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 137
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-137

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 990 CATTGTTTGTGGGAATC 1007
DB 18 CATTGTTTGTGGGAATC 1

RESULT 258
US-10-702-817-138/c
; Sequence 138, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817

```

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; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 136
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-138

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1222 CCCATCCTTGGCAGCAGCC 1239
DB 18 CCCATCCTTGGCAGCAGCC 1

RESULT 259
US-10-702-817-139/c
; Sequence 139, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 139
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-139

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1270 CAGAGTGGGAGGAGCAGC 1287
DB 18 CAGAGTGGGAGGAGCAGC 1

RESULT 260
US-10-702-817-140/c
; Sequence 140, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
```

```
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 140
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-140

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1272 GAAGTGGGAGGAGCAGCGC 1289
DB 18 GAAGTGGGAGGAGCAGCGC 1

RESULT 261
US-10-702-817-141/c
; Sequence 141, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 141
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-141

Query Match      0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1287 CGCCCAACAGCCACAGAG 1304
DB 18 CGCCCAACAGCCACAGAG 1

RESULT 262
US-10-702-817-142/c
; Sequence 142, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 142
```

```
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-142

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1289 CCCACAGCCACAGAGCC 1306
Db 18 CCCACAGCCACAGAGCC 1

RESULT 263
US-10-702-817-143/c
; Sequence 143, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 143
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-143

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1291 CACAAGCCACAGAGCCTA 1308
Db 18 CACAAGCCACAGAGCCTA 1

RESULT 264
US-10-702-817-144/c
; Sequence 144, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 144
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
```

```
US-10-702-817-144

Query Match          0.8%; Score 18; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1293 CAAGCCACAGAGCCTAGA 1310
Db 18 CAAGCCACAGAGCCTAGA 1

RESULT 265
US-09-757-041-11
; Sequence 11, Application US/09757041
; GENERAL INFORMATION:
; APPLICANT: Reed, John C.
; APPLICANT: Sato, Takaaki
; TITLE OF INVENTION: CD40 Associated Proteins
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell and Flores
; STREET: 4370 La Jolla Village Drive, Suite 700
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/757,041
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/349,357
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-LJ 1203
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-757-041-11

Query Match          0.8%; Score 18; DB 1; Length 24;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 958 CGCTACCAACGGTGGAG 975
Db 7 CGCTACCAACGGTGGAG 24

RESULT 266
US-09-757-041A-11
; Sequence 11, Application US/09757041A
; GENERAL INFORMATION:
; APPLICANT: Reed, John C.
; APPLICANT: Sato, Takaaki
; TITLE OF INVENTION: CD40 Associated Proteins
; NUMBER OF SEQUENCES: 17
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Campbell and Flores
; STREET: 4370 La Jolla Village Drive, Suite 700
```

```
;
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92122
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.25
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/757,041A
; FILING DATE: 09-Jan-2001
; CLASSIFICATION: <Unknown>
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/349,357
; FILING DATE: 02-DEC-1994
;
; ATTORNEY/AGENT INFORMATION:
; NAME: Campbell, Cathryn A.
; REGISTRATION NUMBER: 31,815
; REFERENCE/DOCKET NUMBER: P-LJ 1203
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (619) 535-9001
; TELEFAX: (619) 535-8949
;
; INFORMATION FOR SEQ ID NO: 11:
;
; SEQUENCE DESCRIPTION: SEQ ID NO: 11:
US-09-757-041A-11
;
; Query Match 0.8%; Score 18; DB 1; Length 24;
; Best Local Similarity 100.0%; Pred. No. 1.7e+02;
; Matches 18; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
QY 958 CGCTACCAACGGTGAAG 975
DB 7 CGCTACCAACGGTGAAG 24
;
; RESULT 267
;
; US-08-529-190A-13
; Sequence 13, Application US/08529190A
; GENERAL INFORMATION:
; APPLICANT: Masucci, Maria G.
; TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES
; NUMBER OF SEQUENCES: 63
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Allegretti
; STREET: 75 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: Wordperfect 6.1
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/529,190A
; FILING DATE: 15-SEP-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Williams, Ph.D., Kathleen A
; REGISTRATION NUMBER: 34,380
; REFERENCE/DOCKET NUMBER: THERE-005AX
; TELECOMMUNICATION INFORMATION:
```

```
;
; TELEPHONE: 617-345-9100
; TELEFAX: 617-345-9111
; TELEX:
;
; INFORMATION FOR SEQ ID NO: 13:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; US-08-529-190A-13
;
; Query Match 0.8%; Score 17.8; DB 1; Length 24;
; Best Local Similarity 90.5%; Pred. No. 1.8e+02;
; Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
;
QY 1126 TCCACCTTCACCTCCAGCTCC 1146
DB 1 TCCACCCGACCTCCAGCTCC 22
;
; RESULT 268
;
; US-08-733-369A-69
; Sequence 69, Application US/08733369A
; GENERAL INFORMATION:
; APPLICANT: Masucci, Maria G.
; TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES CONFERRING
; NUMBER OF SEQUENCES: 123
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Kathleen M. Williams, Banner & Witcoff, Ltd.
; STREET: One Financial Center
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02111
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Wordperfect 6.1a
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/733,369A
; FILING DATE: 17 October, 1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/522,995
; FILING DATE: 01-SEP-1995
;
; APPLICATION DATA:
; APPLICATION NUMBER: US 08/529,190
; FILING DATE: 15-SEP-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: SE 95013249
; FILING DATE: 10-APR-1995
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/GB96/00876
; FILING DATE: 10-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Williams, Kathleen M.
; REGISTRATION NUMBER: 34,380
; REFERENCE/DOCKET NUMBER: 95-1391-D
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-345-9100
; TELEFAX: 617-345-9111
;
; INFORMATION FOR SEQ ID NO: 69:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
```

```
; MOLECULE TYPE: other nucleic acid
US-08-733-369A-69

Query Match      0.8%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1126 TCCACCTTCACCTCCAGCTCC 1146
      |||||
Db 2 TCCACCCGCACCTCCAGCTCC 22

RESULT 269
US-08-970-900-61
; Sequence 61, Application US/08970900
; GENERAL INFORMATION:
; APPLICANT: Masucci, Maria G.
; TITLE OF INVENTION: FUSION PROTEINS HAVING INCREASED HALF-LIVES.
; NUMBER OF SEQUENCES: 91
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Kathleen M. Williams, Banner & Witcoff, Ltd.
; STREET: One Financial Center
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Wordperfect 6.1a
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/970,900
; FILING DATE: 14-NOV-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/030,986
; FILING DATE: 15-NOV-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/048,945
; FILING DATE: 25-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Williams, Kathleen M.
; REGISTRATION NUMBER: 34,380
; REFERENCE/DOCKET NUMBER: 3255/59831
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-345-9100
; TELEFAX: 617-345-9111
; INFORMATION FOR SEQ ID NO: 61:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 bases
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
US-08-970-900-61

Query Match      0.8%; Score 17.8; DB 1; Length 24;
Best Local Similarity 90.5%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1126 TCCACCTTCACCTCCAGCTCC 1146
      |||||
Db 2 TCCACCCGCACCTCCAGCTCC 22

RESULT 270
US-09-396-196F-67637
; Sequence 67637, Application US/09396196F
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 67637
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-67637
; Sequence 67637, Application US/09396196G
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 67637
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-67637

Query Match      0.8%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 1.9e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1119 GCCCAGTTCACCTTCACCTC 1139
      |||||
Db 4 GCCCAGTTCACCTTCACCTC 24

RESULT 271
US-09-396-196G-67637
; Sequence 67637, Application US/09396196G
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 67637
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-67637

Query Match      0.8%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 1.9e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1119 GCCCAGTTCACCTTCACCTC 1139
      |||||
Db 4 GCCCAGTTCACCTTCACCTC 24

RESULT 272
US-10-355-577-563589/c
; Sequence 563589, Application US/10355577
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/10/355,577
; CURRENT FILING DATE: 2003-01-31
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 563589
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-355-577-563589

Query Match      0.8%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 1.9e+02;
```

Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1125 TTCCACCTTCACCTCCAGCTC 1145
DB 21 TTCCACCTTCACACCGGCTC 1

RESULT 273

US-10-719-900-666385/c
; Sequence 666385, Application US/10719900
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 666385
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-666385

Query Match 0.8%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 1.9e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1181 CTCCTCGCAGAGGTGGCAC 1201
DB 21 CTCCTCGCAGAGGTGGTAC 1

RESULT 274

US-10-719-956-275112/c
; Sequence 275112, Application US/10719956
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; CURRENT FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 275112
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-956-275112

Query Match 0.8%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 1.9e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 866 GCACTGAGGACTCAGGCACCA 886
DB 22 GGAATGAGGACTCAGGCACCA 2

RESULT 275

US-60-353-987-563589/c
; Sequence 563589, Application US/60353987
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
; FILE REFERENCE: 3121
; CURRENT APPLICATION NUMBER: US/60/353,987
; CURRENT FILING DATE: 2002-02-01
; NUMBER OF SEQ ID NOS: 997516

; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 563589
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-60-353-987-563589

Query Match 0.8%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 1.9e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1125 TTCCACCTTCACCTCCAGCTC 1145
DB 21 TTCCACCTTCACACCGGCTC 1

RESULT 276

US-60-427-808-666385/c
; Sequence 666385, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 666385
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-666385

Query Match 0.8%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 1.9e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1181 CTCCTCGCAGAGGTGGCAC 1201
DB 21 CTCCTCGCAGAGGTGGTAC 1

RESULT 277

US-60-427-836-275112/c
; Sequence 275112, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 275112
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-275112

Query Match 0.8%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 1.9e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 866 GCACTGAGGACTCAGGCACCA 886
DB 22 GGAATGAGGACTCAGGCACCA 2

RESULT 278

US-10-276-358-36
; Sequence 36, Application US/10276358
; GENERAL INFORMATION:
; APPLICANT: Rosendahl, Mary

```
; APPLICANT: Cox, George
; APPLICANT: Doherty, Daniel
; TITLE OF INVENTION: Methods for Refolding Proteins Containing Free Cysteine Residues
; FILE REFERENCE: 4152-4-PCF
; CURRENT APPLICATION NUMBER: US/10/276,358
; CURRENT FILING DATE: 2003-04-10
; PRIOR APPLICATION NUMBER: 60/204,617
; PRIOR FILING DATE: 2000-05-16
; NUMBER OF SEQ ID NOS: 79
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 36
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: primer
US-10-276-358-36

Query Match          0.8%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 944 TTGGTTTAAATGATCGTACCAAC 967
Db 1 TTGGTTTCTCTATCGTACCAAC 24
|||||
|

RESULT 279
US-10-303-778-4642/C
; Sequence 4642, Application US/10303778
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICAALLY DETECTABLE GROUP OF NOVEL VIRAL
; FILE REFERENCE: 47416
; CURRENT APPLICATION NUMBER: US/10/303,778
; CURRENT FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 17608
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4642
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-303-778-4642

Query Match          0.8%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1247 CCGACCCCATCCCAACCCCTTC 1270
Db 24 CCGACCCGACCCGACCCCAATC 1
|||||
|

RESULT 280
US-10-310-188-9683/C
; Sequence 9683, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICAALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9683
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-9683

Query Match          0.8%; Score 17.6; DB 1; Length 24;
```

```
Best Local Similarity 83.3%; Pred. No. 1.9e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 1247 CCGACCCCATCCCAACCCCTTC 1270
Db 24 CCGACCCGACCCGACCCCAATC 1
|||||
|
```

```
RESULT 281
US-09-396-196F-48576
; Sequence 48576, Application US/09396196F
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196F
; CURRENT FILING DATE: 2001-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 48576
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196F-48576
```

```
Query Match          0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1151 ATACCCCGGTGACTGTCCCACT 1174
Db 2 ATGCCCTCGGTGACTTCCCACT 25
|||||
|
```

```
RESULT 282
US-09-396-196G-48576
; Sequence 48576, Application US/09396196G
; GENERAL INFORMATION:
; APPLICANT: Michael Mittmann
; APPLICANT: David Mack
; APPLICANT: David Lockhart
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis
; FILE REFERENCE: 3101.1
; CURRENT APPLICATION NUMBER: US/09/396,196G
; CURRENT FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: 60/100,678
; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 127806
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 48576
; LENGTH: 25
; TYPE: DNA
; ORGANISM: mus musculus
US-09-396-196G-48576
```

```
Query Match          0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1151 ATACCCCGGTGACTGTCCCACT 1174
Db 2 ATGCCCTCGGTGACTTCCCACT 25
|||||
|
```

```
RESULT 283
US-09-954-427-96936
; Sequence 96936, Application US/09954427
```

```
; GENERAL INFORMATION:
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat
; FILE REFERENCE: 3112
; CURRENT APPLICATION NUMBER: US/09/954,427
; CURRENT FILING DATE: 2001-09-17
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 96936
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AA858718
US-09-954-427-96936

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 729 CCAGGAGAAACAGACACCGGTG 752
Db 2 CCAGGAGACTCAGAGACCGGTG 25

RESULT 284
US-09-954-427-96975
; Sequence 96975, Application US/09954427
; GENERAL INFORMATION:
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat
; FILE REFERENCE: 3112
; CURRENT APPLICATION NUMBER: US/09/954,427
; CURRENT FILING DATE: 2001-09-17
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 96975
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AA858718
US-09-954-427-96975

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 730 CAGGAGAAACAGACACCGGTGC 753
Db 1 CAGGAGACTCAGAGACCGGTGC 24

RESULT 285
US-09-954-427-182296
; Sequence 182296, Application US/09954427
; GENERAL INFORMATION:
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat
; FILE REFERENCE: 3112
; CURRENT APPLICATION NUMBER: US/09/954,427
; CURRENT FILING DATE: 2001-09-17
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 182296
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank S75960
US-09-954-427-342285

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1031 TTGAAGGAACCTACTACTAAGCCCC 1054
Db 25 TTGAAGGAACCTCTCTTAAGTTCC 2

RESULT 1287
US-09-954-427-342285
; Sequence 342285, Application US/09954427
; GENERAL INFORMATION:
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat
; FILE REFERENCE: 3112
; CURRENT APPLICATION NUMBER: US/09/954,427
; CURRENT FILING DATE: 2001-09-17
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 342285
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank S75960
US-09-954-427-342285

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1099 ACCCTGGCTTCAGTCCCGTGCC 1122
Db 2 ACCCTGGTTCAAGTCTCTGTGCC 25
```



```
RESULT 288
US-09-954-427A-326494
; Sequence 326494, Application US/09954427A
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat Genome
; FILE REFERENCE: 3112.1
; CURRENT APPLICATION NUMBER: US/09/954,427A
; CURRENT FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: 60/233,166
; PRIOR FILING DATE: 2000-09-18
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 326494
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus Norvegicus
US-09-954-427A-326494

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 980 AGCTCTACTCCATTGTTGGGA 1003
| | | | | | | | | | | | | | | | | | | | |
Db 2 AACATCCCTCATGTTGGTGGGA 25

RESULT 289
US-09-956-584-58890/c
; Sequence 58890, Application US/09956584
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus Musculus
; FILE REFERENCE: 3115.1
; CURRENT APPLICATION NUMBER: US/09/956,584
; CURRENT FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/234,017
; PRIOR FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 58890
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-956-584-58890

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 785 ACAGTGTCTCTCTCTAGTA 808
| | | | | | | | | | | | | | | | | | | | |
Db 25 ACAGTGTCTCTCTCTATTCCT 2

RESULT 290
US-09-956-584-73862
; Sequence 73862, Application US/09956584
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus Musculus
; FILE REFERENCE: 3115.1
; CURRENT APPLICATION NUMBER: US/09/956,584
; CURRENT FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/234,017
; PRIOR FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 73862
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-956-584-73862

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1278 GGAGGACAGCGCCCAAGCCACA 1301
| | | | | | | | | | | | | | | | | | | | |
Db 2 GGAGGACACAGCTCCACACGCTACA 25

RESULT 293
US-09-956-584-434786
; Sequence 434786, Application US/09956584
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
```

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; ORGANISM: Mus musculus
US-09-956-584-73862

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 948 TTTAATGTATCGCTACCAACGGTG 971
| | | | | | | | | | | | | | | | | | | | |
Db 2 TTTCATGTGCTGTTACCAACGATG 25

RESULT 291
US-09-956-584-145763/c
; Sequence 145763, Application US/09956584
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus Musculus
; FILE REFERENCE: 3115.1
; CURRENT APPLICATION NUMBER: US/09/956,584
; CURRENT FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/234,017
; PRIOR FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 145763
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-956-584-145763

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1139 CCAGTCCCACTATACCCCGGTG 1162
| | | | | | | | | | | | | | | | | | | | |
Db 25 CTAGTCCACCTATACCTCTCTG 2

RESULT 292
US-09-956-584-154843
; Sequence 154843, Application US/09956584
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus Musculus
; FILE REFERENCE: 3115.1
; CURRENT APPLICATION NUMBER: US/09/956,584
; CURRENT FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/234,017
; PRIOR FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 154843
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-956-584-154843

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1278 GGAGGACAGCGCCCAAGCCACA 1301
| | | | | | | | | | | | | | | | | | | | |
Db 2 GGAGGACACAGCTCCACACGCTACA 25

RESULT 293
US-09-956-584-434786
; Sequence 434786, Application US/09956584
; GENERAL INFORMATION:
; APPLICANT: Mittman, Michael
```

```
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus Musculus
; FILE REFERENCE: 3115.1
; CURRENT APPLICATION NUMBER: US/09/956,584
; CURRENT FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/234,017
; PRIOR FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 434786
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-956-584-434786

Query Match          0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 974 AGTCAAGCTCTACTCCATGTTT 997
Db 2 AGTCAGGCGCTACTCCACAGTTT 25

RESULT 294
US-10-355-577-480923
; Sequence 480923, Application US/10355577
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
; CURRENT APPLICATION NUMBER: US/10/355,577
; CURRENT FILING DATE: 2003-01-31
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 480923
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-355-577-480923

Query Match          0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1156 CCGGTGACTCTCCCACTTTGCG 1179
Db 1 CTCGTTTACGTCCTCCCACTTTGCG 24

RESULT 295
US-10-355-577-615992/c
; Sequence 615992, Application US/10355577
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
; CURRENT APPLICATION NUMBER: US/10/355,577
; CURRENT FILING DATE: 2003-01-31
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 615992
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-355-577-615992

Query Match          0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1057 GCCCAAAACCAAGCTTCAGTCCC 1080
Db 24 GCCCAAAATCAATCTACAGTGCC 1
```

```
RESULT 296
US-10-355-577-622693/c
; Sequence 622693, Application US/10355577
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
; CURRENT APPLICATION NUMBER: US/10/355,577
; CURRENT FILING DATE: 2003-01-31
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 622693
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-355-577-622693

Query Match          0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1093 ACCCCACCCCTGGCTTCAGTCCC 1116
Db 24 ACCCTCACCTGGAGTCCAGTCCC 1

RESULT 297
US-10-355-577-627250/c
; Sequence 627250, Application US/10355577
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
; CURRENT APPLICATION NUMBER: US/10/355,577
; CURRENT FILING DATE: 2003-01-31
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 627250
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-355-577-627250

Query Match          0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1244 CCTCCGACCCCATCCCAACCCCC 1267
Db 24 CCTCCGACCATCCCTCGCCCC 1

RESULT 298
US-10-355-577-717525/c
; Sequence 717525, Application US/10355577
; GENERAL INFORMATION:
; APPLICANT: Mittmann, Michael
; TITLE OF INVENTION: Methods of Genetic Analysis of Probes: HG-U133
; CURRENT APPLICATION NUMBER: US/10/355,577
; CURRENT FILING DATE: 2003-01-31
; NUMBER OF SEQ ID NOS: 997516
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 717525
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-355-577-717525

Query Match          0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

00017E/00 : INFORMATION TO THE SECRETARY

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RESULT 304
US-10-719-900-696649/c
; Sequence 696649, Application US/10719900
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; PRIOR FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 696649
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-696649

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 774 TCTAGAGAAACGAGTGTCTC 797
    ||||| ||||| ||||| ||||| |||||
Db 24 TCTAGGATTAACGAGTGTCTC 1

RESULT 305
US-10-719-900-698151
; Sequence 698151, Application US/10719900
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528.1
; CURRENT APPLICATION NUMBER: US/10/719,900
; PRIOR FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,808
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 698151
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-719-900-698151

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1218 TGACCCCATCTTCGACAGCCCT 1241
    ||||| ||||| ||||| ||||| |||||
Db 2 TGACTCCAGCTTTGACAGCCCT 25

RESULT 306
US-10-719-956-44082/c
; Sequence 44082, Application US/10719956
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; PRIOR FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 44082
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-956-44082/c

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1061 CAAACCCAGCTTCAGTCCCACTC 1084
    ||||| ||||| ||||| ||||| |||||
Db 24 CAAACCCAGATGATTCCCACTC 1

RESULT 309
US-60-233-166-96936
; Sequence 96936, Application US/60233166
; GENERAL INFORMATION:
; APPLICANT: Mittmann

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; ORGANISM: Rattus norvegicus
US-10-719-956-44082

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 870 TGAGGACTCAGCACCACAGTGCT 893
    ||||| ||||| ||||| ||||| |||||
Db 25 TGAGGACTCAGCACCACAGTGCT 2

RESULT 307
US-10-719-956-219688
; Sequence 219688, Application US/10719956
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; PRIOR FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 219688
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-956-219688

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 978 CAAGCTCTACTCCATTGTTGTGG 1001
    ||||| ||||| ||||| ||||| |||||
Db 1 CAAGCTCTCTTCATGTTGTGG 24

RESULT 308
US-10-719-956-328544/c
; Sequence 328544, Application US/10719956
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527.1
; CURRENT APPLICATION NUMBER: US/10/719,956
; PRIOR FILING DATE: 2003-11-20
; PRIOR APPLICATION NUMBER: 60/427,836
; PRIOR FILING DATE: 2002 11 20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 328544
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-10-719-956-328544

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1061 CAAACCCAGCTTCAGTCCCACTC 1084
    ||||| ||||| ||||| ||||| |||||
Db 24 CAAACCCAGATGATTCCCACTC 1

RESULT 309
US-60-233-166-96936
; Sequence 96936, Application US/60233166
; GENERAL INFORMATION:
; APPLICANT: Mittmann

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; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat
; FILE REFERENCE: 3112
; CURRENT APPLICATION NUMBER: US/60/233,166
; CURRENT FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 96936
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AA858718
US-60-233-166-96936

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 729 CCAGGAGAAACAGAACACCGGTG 752
      ||||| ||||| ||||| ||||| |||||
Db 2 CCAGGAGACTCAGAGACCGGTG 25

RESULT 310
US-60-233-166-96975
; Sequence 96975, Application US/60233166
; GENERAL INFORMATION:
; APPLICANT: Mittmann
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat
; FILE REFERENCE: 3112
; CURRENT APPLICATION NUMBER: US/60/233,166
; CURRENT FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 96975
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AA858718
US-60-233-166-96975

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 730 CAGGAGAAACAGAACACCGGTG 753
      ||||| ||||| ||||| ||||| |||||
Db 1 CAGGAGACTCAGAGACCGGTG 24

RESULT 311
US-60-233-166-182296
; Sequence 182296, Application US/60233166
; GENERAL INFORMATION:
; APPLICANT: Mittmann
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat
; FILE REFERENCE: 3112
; CURRENT APPLICATION NUMBER: US/60/233,166
; CURRENT FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 182296
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
; PUBLICATION INFORMATION:
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; DATABASE ACCESSION NUMBER: GenBank AA963963
US-60-233-166-182296

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 779 GAGAAACAGAGTGTCTCTCTGTA 802
      ||||| ||||| ||||| ||||| |||||
Db 2 GAGATAGTCAGTGTCTCTCTGTA 25

RESULT 312
US-60-233-166-190865/c
; Sequence 190865, Application US/60233166
; GENERAL INFORMATION:
; APPLICANT: Mittmann
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat
; FILE REFERENCE: 3112
; CURRENT APPLICATION NUMBER: US/60/233,166
; CURRENT FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 190865
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AA963963
US-60-233-166-190865

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1031 TTGAAGGAACCTCTCTCTAAGCCCC 1054
      ||||| ||||| ||||| ||||| |||||
Db 25 TTGAAGGAACCTCTCTCTAAGTTCC 2

RESULT 313
US-60-233-166-342285
; Sequence 342285, Application US/60233166
; GENERAL INFORMATION:
; APPLICANT: Mittmann
; APPLICANT: Affymetrix, Inc.
; TITLE OF INVENTION: Methods of Genetic Analysis of the Rat
; FILE REFERENCE: 3112
; CURRENT APPLICATION NUMBER: US/60/233,166
; CURRENT FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 420907
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 342285
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank S75960
US-60-233-166-342285

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1099 ACCCTGGGCTTCAGTCCCGTGCCC 1122
      ||||| ||||| ||||| ||||| |||||
Db 2 ACCCTGGGTTCAAGTCTCTGTGCC 25

RESULT 314
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US-60-234-017-34944/c
; Sequence 34944, Application US/60234017
; GENERAL INFORMATION:
; APPLICANT: Mittmann, M
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus
; TITLE OF INVENTION: musculus
; FILE REFERENCE: 3115
; CURRENT APPLICATION NUMBER: US/60/234,017
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 34944
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AW061234
US-60-234-017-34944

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 785 ACGAGTGTCTCTCTGTAGTAACT 808
Db 25 ACGAGTGTCTCTCTGTATTTCT 2

RESULT 315
US-60-234-017-69206
; Sequence 69206, Application US/60234017
; GENERAL INFORMATION:
; APPLICANT: Mittmann, M
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus
; TITLE OF INVENTION: musculus
; FILE REFERENCE: 3115
; CURRENT APPLICATION NUMBER: US/60/234,017
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 69206
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AA874589
US-60-234-017-69206

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 948 TTTAATGATCGCTACCAAGCGTG 971
Db 2 TTTATGTCGTCTTACCAAGCATG 25

RESULT 316
US-60-234-017-169866/c
; Sequence 169866, Application US/60234017
; GENERAL INFORMATION:
; APPLICANT: Mittmann, M
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus
; TITLE OF INVENTION: musculus
; FILE REFERENCE: 3115
; CURRENT APPLICATION NUMBER: US/60/234,017
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 169866
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; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AW107462
US-60-234-017-169866

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1139 CCAGCTCCACCTATACCCCGGTG 1162
Db 25 CTAGCTCCACCTATACCTCTCTG 2
```

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RESULT 317
US-60-234-017-181454
; Sequence 181454, Application US/60234017
; GENERAL INFORMATION:
; APPLICANT: Mittmann, M
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus
; TITLE OF INVENTION: musculus
; FILE REFERENCE: 3115
; CURRENT APPLICATION NUMBER: US/60/234,017
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 181454
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank L76567
US-60-234-017-181454
```

```
Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1278 GGAGGACAGCGCCCAAGGCACA 1301
Db 2 GGAGGACAGCGTCCACACGCTACA 25
```

```
RESULT 318
US-60-234-017-445508
; Sequence 445508, Application US/60234017
; GENERAL INFORMATION:
; APPLICANT: Mittmann, M
; TITLE OF INVENTION: Methods of Genetic Analysis of Mus
; TITLE OF INVENTION: musculus
; FILE REFERENCE: 3115
; CURRENT APPLICATION NUMBER: US/60/234,017
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 605887
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 445508
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: GenBank AW045723
US-60-234-017-445508
```

```
Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 974 AGTCAAGCTCTACTCCATTGTTT 997
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Db 2 AGTCAGGCCCTACTCCACAGTTT 25
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; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-101762

Query Match
Best Local Similarity 0.8%; Score 17.6; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 0; Indels 4; Gaps 0;

QY 730 CAGGAGAAACAGAACCGGTGTC 753
Db 2 CAGGAGGAGAGACACACCGGTGTC 25

RESULT 325
US-60-427-808-136510/c
; Sequence 136510, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 136510
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-136510

Query Match
Best Local Similarity 0.8%; Score 17.6; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 0; Indels 4; Gaps 0;

QY 867 CACTGAGGACTCAGGCACACAGT 890
Db 24 CTCGAGGACTCAGGACTTAAGT 1

RESULT 326
US-60-427-808-294316/c
; Sequence 294316, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 294316
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-294316

Query Match
Best Local Similarity 0.8%; Score 17.6; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 0; Indels 4; Gaps 0;

QY 735 GAAACAGAACCGGTGTCCTG 758
Db 24 GAAACAGAACCGGTGGAATTG 1

RESULT 327
US-60-427-808-389011
; Sequence 389011, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808

; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 696649
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-696649

Query Match
Best Local Similarity 0.8%; Score 17.6; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 0; Indels 4; Gaps 0;

QY 774 TCTAAGAGAAAACGAGTGTCTC 797
Db 24 TCTAGGATTAACGAGTGTCTAC 1

RESULT 330
US-60-427-808-698151
; Sequence 698151, Application US/60427808

; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 389011
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-389011

Query Match
Best Local Similarity 0.8%; Score 17.6; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 0; Indels 4; Gaps 0;

QY 982 CTCTACTCCATTGTTGTGGAAA 1005
Db 1 CTGTAATCCATTATTGTGAGAAA 24

RESULT 328
US-60-427-808-389012
; Sequence 389012, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 389012
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-389012

Query Match
Best Local Similarity 0.8%; Score 17.6; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 0; Indels 4; Gaps 0;

QY 982 CTCTACTCCATTGTTGTGGAAA 1005
Db 1 CTGTAATCCATTATTGTGAGAAA 24

RESULT 329
US-60-427-808-696649/c
; Sequence 696649, Application US/60427808
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 696649
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-696649

Query Match
Best Local Similarity 0.8%; Score 17.6; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 0; Indels 4; Gaps 0;

QY 982 CTCTACTCCATTGTTGTGGAAA 1005
Db 1 CTGTAATCCATTATTGTGAGAAA 24

RESULT 330
US-60-427-808-698151
; Sequence 698151, Application US/60427808
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GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Mouse
; FILE REFERENCE: 3528
; CURRENT APPLICATION NUMBER: US/60/427,808
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 982914
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 698151
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Mus musculus
US-60-427-808-698151

Query Match 0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1218 TGACCCCATCTTCGACAGCCCT 1241
|||||
Db 2 TGACTCCAGCTTGAGACAGCCCT 25
|||||

RESULT 331
US-60-427-836-44082/c
; Sequence 44082, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 44082
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-44082

Query Match 0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 870 TGAGGACTCAGGCACACAGTGCT 893
|||||
Db 25 TGAGGACTCAGGCACACAGTGCT 2
|||||

RESULT 332
US-60-427-836-219688
; Sequence 219688, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 219688
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-219688

Query Match 0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 978 CAAGCTCTACTCCATGTTGTGG 1001
|||||
Db 1 CAAGCTCTCTCTATGTTGTGG 24
|||||

RESULT 333
US-60-427-836-328544/c
; Sequence 328544, Application US/60427836
; GENERAL INFORMATION:
; APPLICANT: Xue Mei Zhou
; TITLE OF INVENTION: Methods of Genetic Analysis of Rat
; FILE REFERENCE: 3527
; CURRENT APPLICATION NUMBER: US/60/427,836
; CURRENT FILING DATE: 2002-11-20
; NUMBER OF SEQ ID NOS: 699466
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 328544
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Rattus norvegicus
US-60-427-836-328544

Query Match 0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1061 CAAACCCCAAGCTTCAGTCCCACTC 1084
|||||
Db 24 CAAACCCCAAGATTGATTCACGTC 1
|||||

RESULT 334
US-60-475-871-34543
; Sequence 34543, Application US/60475871
; GENERAL INFORMATION:
; APPLICANT: Wyeth Research
; APPLICANT: Mounts, William M.
; APPLICANT: Murphy, Ellen M.
; TITLE OF INVENTION: Staphylococcus Aureus Nucleic Acid Arrays
; FILE REFERENCE: AM101085
; CURRENT APPLICATION NUMBER: US/60/475,871
; CURRENT FILING DATE: 2003-06-05
; NUMBER OF SEQ ID NOS: 207175
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 34543
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Staphylococcus aureus
US-60-475-871-34543

Query Match 0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1002 GAAATCGACACCTGAAAAGAGGG 1025
|||||
Db 2 GAAATCGAACCCGAAAAGAGAG 25
|||||

RESULT 335
US-60-475-871-39917
; Sequence 39917, Application US/60475871
; GENERAL INFORMATION:
; APPLICANT: Wyeth Research
; APPLICANT: Mounts, William M.
; APPLICANT: Murphy, Ellen M.
; TITLE OF INVENTION: Staphylococcus Aureus Nucleic Acid Arrays
; FILE REFERENCE: AM101085
; CURRENT APPLICATION NUMBER: US/60/475,871
; CURRENT FILING DATE: 2003-06-05
; NUMBER OF SEQ ID NOS: 207175
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 39917
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Staphylococcus aureus

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US-60-475-871-39917
Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 908 TTTCCTTTGGCTTTGGCTTTTAT 931
      ||||| ||||| ||||| |||||
Db 1 TTCTTTTAGTCTTGTCATTTAT 24

RESULT 336
US-60-475-871-150624/c
; Sequence 150624, Application US/60475871
; GENERAL INFORMATION:
; APPLICANT: Wyeth Research
; APPLICANT: Mounts, William M.
; APPLICANT: Murphy, Ellen M.
; TITLE OF INVENTION: Staphylococcus Aureus Nucleic Acid Arrays
; FILE REFERENCE: AM101085
; CURRENT APPLICATION NUMBER: US/60/475,871
; CURRENT FILING DATE: 2003-06-05
; NUMBER OF SEQ ID NOS: 207175
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 150624
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Staphylococcus aureus
US-60-475-871-150624

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 992 TTGTTTGGGAATCGACACTG 1015
      ||||| ||||| ||||| |||||
Db 24 TTGCATTGGGACATCGACACTG 1

RESULT 337
US-60-507-481-33687/c
; Sequence 33687, Application US/60507481
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William M
; TITLE OF INVENTION: NUCLEIC ACID ARRAYS FOR DETECTING GENE EXPRESSION IN ANIMAL
; FILE REFERENCE: AM101084
; CURRENT APPLICATION NUMBER: US/60/507,481
; CURRENT FILING DATE: 2003-10-02
; NUMBER OF SEQ ID NOS: 210107
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 33687
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Canis familiaris
US-60-507-481-33687

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1091 TCACCCCACTGGGCTTCAGTC 1114
      ||||| ||||| ||||| |||||
Db 25 TCACCCCACTCTGGGCTTCAGGC 2

RESULT 338
US-60-507-481-64448/c
; Sequence 64448, Application US/60507481
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William M

US-60-475-871-39917
; TITLE OF INVENTION: NUCLEIC ACID ARRAYS FOR DETECTING GENE EXPRESSION IN ANIMAL
; FILE REFERENCE: AM101084
; CURRENT APPLICATION NUMBER: US/60/507,481
; CURRENT FILING DATE: 2003-10-02
; NUMBER OF SEQ ID NOS: 210107
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 64448
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Canis familiaris
US-60-507-481-64448

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1081 ACTCCAGGCTTCACCCCACTG 1104
      ||||| ||||| ||||| |||||
Db 24 ACACAGGCTTCAGCCCTCCCTG 1

RESULT 339
US-60-507-481-110571
; Sequence 110571, Application US/60507481
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William M
; TITLE OF INVENTION: NUCLEIC ACID ARRAYS FOR DETECTING GENE EXPRESSION IN ANIMAL
; FILE REFERENCE: AM101084
; CURRENT APPLICATION NUMBER: US/60/507,481
; CURRENT FILING DATE: 2003-10-02
; NUMBER OF SEQ ID NOS: 210107
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 110571
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Canis familiaris
US-60-507-481-110571

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 752 GCACCTGCCATGCAGGTTCTTTC 775
      ||||| ||||| ||||| |||||
Db 1 GAACCTGGCATGCAGATATCTTTC 24

RESULT 340
US-60-507-481-176654/c
; Sequence 176654, Application US/60507481
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Mounts, William M
; TITLE OF INVENTION: NUCLEIC ACID ARRAYS FOR DETECTING GENE EXPRESSION IN ANIMAL
; FILE REFERENCE: AM101084
; CURRENT APPLICATION NUMBER: US/60/507,481
; CURRENT FILING DATE: 2003-10-02
; NUMBER OF SEQ ID NOS: 210107
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 176654
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Canis familiaris
US-60-507-481-176654

Query Match      0.8%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 2e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```


OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-197

Query Match 0.8%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 1.7e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 756 CTGCCATGCAGGTTTCTTT 774
Db 19 CTGCCATGCAGGTTTCTTT 1

RESULT 346

US-10-321-039-633
; Sequence 633, Application US/10321039
; GENERAL INFORMATION:
; APPLICANT: Lyamichev, Victor
; APPLICANT: Lukowiak, Andrew
; APPLICANT: Jarvis, Nancy
; APPLICANT: Kurensky, David
; TITLE OF INVENTION: Amplification Methods and Compositions
; FILE REFERENCE: FORS-06960
; CURRENT APPLICATION NUMBER: US/10/321,039
; CURRENT FILING DATE: 2002-12-17
; PRIOR APPLICATION NUMBER: 09/998,157
; PRIOR FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: 60/329,113
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 60/360,489
; PRIOR FILING DATE: 2001-10-19
; NUMBER OF SEQ ID NOS: 759
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 633
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-321-039-633

Query Match 0.8%; Score 17.4; DB 1; Length 22;
Best Local Similarity 94.7%; Pred. No. 1.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 726 CTGCCAGGAGAACAGAAC 744
Db 4 CTGCCAGGAGAACAGAAC 22

RESULT 347

US-10-354-953-760
; Sequence 760, Application US/10354953
; GENERAL INFORMATION:
; APPLICANT: Dozn, Erin
; APPLICANT: Rasmussen, Eric
; TITLE OF INVENTION: Pharmacogenetic DME Detection Assay Methods and Kits
; FILE REFERENCE: FORS-07810
; CURRENT APPLICATION NUMBER: US/10/354,953
; CURRENT FILING DATE: 2003-01-30
; NUMBER OF SEQ ID NOS: 1120
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 760
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-354-953-760

Query Match 0.8%; Score 17.4; DB 1; Length 22;
Best Local Similarity 94.7%; Pred. No. 1.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 726 CTGCCAGGAGAACAGAAC 744
Db 4 CTGCCAGGAGAACAGAAC 22

RESULT 348

US-07-954-185A-36/c
; Sequence 36, Application US/07954185A
; GENERAL INFORMATION:
; APPLICANT: Ronnie C. Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; NUMBER OF SEQUENCES: 122
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn
; ADDRESSEE: Kurtz Mackiewicz & Norris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/954,185A
; FILING DATE: 19920929
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0704
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
US-07-954-185A-36

Query Match 0.8%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCCAACCCC 1266
Db 22 CCGCAACCCCAACCCCAACCCC 1

RESULT 349

US-07-954-185A-44/c
; Sequence 44, Application US/07954185A
; GENERAL INFORMATION:
; APPLICANT: Ronnie C. Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; NUMBER OF SEQUENCES: 122
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn
; ADDRESSEE: Kurtz Mackiewicz & Norris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103

```
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/954,185A
FILING DATE: 19920929
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISIS-0704
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 44:
SEQUENCE CHARACTERISTICS:
LENGTH: 22
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
US-07-954-185A-44
```

```
Query Match 0.8%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 1245 CTCGACCCCATCCCAACCCC 1266
DB 22 CCCCAACCCCAACCCCAACCCC 1
```

```
RESULT 350
US-07-954-185A-110/c
GENERAL INFORMATION:
APPLICANT: Ronnie C. Hanecak et al.
TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
NUMBER OF SEQUENCES: 122
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/954,185A
FILING DATE: 19920929
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISIS-0704
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 110:
SEQUENCE CHARACTERISTICS:
```

```
LENGTH: 22
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
US-07-954-185A-110
```

```
Query Match 0.8%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 1245 CTCGACCCCATCCCAACCCC 1266
DB 22 CCCCAACCCCAACCCCAACCCC 1
```

```
RESULT 351
US-07-954-185A-117/c
GENERAL INFORMATION:
APPLICANT: Ronnie C. Hanecak et al.
TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
NUMBER OF SEQUENCES: 122
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/954,185A
FILING DATE: 19920929
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISIS-0704
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 117:
SEQUENCE CHARACTERISTICS:
LENGTH: 22
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
US-07-954-185A-117
```

```
Query Match 0.8%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 1245 CTCGACCCCATCCCAACCCC 1266
DB 22 CCCCAACCCCAACCCCAACCCC 1
```

```
RESULT 352
US-09-299-058-36/c
GENERAL INFORMATION:
APPLICANT: Hanecak et al.
TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
```

```

; ; Sequence
; ;
; ; NUMBER OF SEQUENCES: 146
; ; CORRESPONDENCE ADDRESS:
; ; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & Norris LLP
; ; STREET: One Liberty Place - 46th Floor
; ; CITY: Philadelphia
; ; STATE: PA
; ; COUNTRY: U.S.A.
; ; ZIP: 19103
; ;
; ; COMPUTER READABLE FORM:
; ; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; ; COMPUTER: IBM PC compatible
; ; OPERATING SYSTEM: PC-DOS/MS-DOS
; ; SOFTWARE: WordPerfect 6.1
; ;
; ; CURRENT APPLICATION DATA:
; ; APPLICATION NUMBER: US/09/299,058
; ; FILING DATE: 23-Apr-1999
; ; CLASSIFICATION: N/A
; ;
; ; PRIOR APPLICATION DATA:
; ; APPLICATION NUMBER: 08/403,888
; ; FILING DATE: 12-JUNE-1995
; ;
; ; ATTORNEY/AGENT INFORMATION:
; ; NAME: Paul K. Leggaard
; ; REGISTRATION NUMBER: 38,534
; ; REFERENCE/DOCKET NUMBER: ISIS-1229
; ;
; ; TELECOMMUNICATION INFORMATION:
; ; TELEPHONE: 215-568-3100
; ; TELEFAX: 215-568-3439
; ; INFORMATION FOR SEQ ID NO: 36:
; ; SEQUENCE CHARACTERISTICS:
; ; LENGTH: 22
; ; TYPE: nucleic acid
; ; STRANDEDNESS: single
; ; TOPOLOGY: linear
; ;
; ; SEQUENCE DESCRIPTION: SEQ ID NO: 36:
US-09-299-058-36
Query Match 0.8%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCCAACCCC 1266
Db 22 CCCCAACCCCAACCCCAACCCC 1

RESULT 353
US-09-299-058-44/c
; Sequence 44, Application US/09299058
; GENERAL INFORMATION:
; APPLICANT: Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
;
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & Norris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/299,058
; FILING DATE: 23-Apr-1999
; CLASSIFICATION: N/A
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/403,888
; FILING DATE: 12-JUNE-1995
;
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Leggaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; SEQUENCE DESCRIPTION: SEQ ID NO: 37:
US-09-299-058-37
Query Match 0.8%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCCAACCCC 1266
Db 22 CCCCAACCCCAACCCCAACCCC 1

RESULT 353
US-09-299-058-44/c
; Sequence 44, Application US/09299058
; GENERAL INFORMATION:
; APPLICANT: Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
;
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & Norris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/299,058
; FILING DATE: 23-Apr-1999
; CLASSIFICATION: N/A
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/403,888
; FILING DATE: 12-JUNE-1995
;
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Leggaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 38:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; SEQUENCE DESCRIPTION: SEQ ID NO: 38:
US-09-299-058-38
Query Match 0.8%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCCAACCCC 1266
Db 22 CCCCAACCCCAACCCCAACCCC 1

RESULT 354
US-09-299-058-110/c
; Sequence 110, Application US/09299058
; GENERAL INFORMATION:
; APPLICANT: Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
;
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & Norris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/299,058
; FILING DATE: 23-Apr-1999
; CLASSIFICATION: N/A
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/403,888
; FILING DATE: 12-JUNE-1995
;
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Leggaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 110:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; SEQUENCE DESCRIPTION: SEQ ID NO: 110:
US-09-299-058-110
Query Match 0.8%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCCAACCCC 1266
```

```

; ; ATTORNEY/AGENT INFORMATION:
; ; NAME: Paul K. Leggaard
; ; REGISTRATION NUMBER: 38,534
; ; REFERENCE/DOCKET NUMBER: ISIS-1229
; ; TELECOMMUNICATION INFORMATION:
; ; TELEPHONE: 215-568-3100
; ; TELEFAX: 215-568-3439
; ; INFORMATION FOR SEQ ID NO: 44:
; ; SEQUENCE CHARACTERISTICS:
; ; LENGTH: 22
; ; TYPE: nucleic acid
; ; STRANDEDNESS: single
; ; TOPOLOGY: linear
; ;
; ; SEQUENCE DESCRIPTION: SEQ ID NO: 44:
US-09-299-058-44
Query Match 0.8%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCCAACCCC 1266
Db 22 CCCCAACCCCAACCCCAACCCC 1

RESULT 354
US-09-299-058-110/c
; Sequence 110, Application US/09299058
; GENERAL INFORMATION:
; APPLICANT: Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
;
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & Norris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/299,058
; FILING DATE: 23-Apr-1999
; CLASSIFICATION: N/A
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/403,888
; FILING DATE: 12-JUNE-1995
;
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Leggaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
;
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 110:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; SEQUENCE DESCRIPTION: SEQ ID NO: 110:
US-09-299-058-110
Query Match 0.8%; Score 17.2; DB 1; Length 22;
Best Local Similarity 86.4%; Pred. No. 2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCCAACCCC 1266
```


Db 24 CCCCAACCCCAACCCCAACCCC 3

RESULT 359
PCT-US03-20167-29/c
; Sequence 29, Application PC/TUS0320167
; GENERAL INFORMATION:
; APPLICANT: Bates, Paula J
; APPLICANT: Mi, Yingchang
; TITLE OF INVENTION: A NEW METHOD FOR THE DIAGNOSIS AND PROGNOSIS OF MALIGNANT
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 0979910-0035
; CURRENT APPLICATION NUMBER: PCT/US03/20167
; CURRENT FILING DATE: 2003-06-26
; PRIOR APPLICATION NUMBER: 60/392,143
; PRIOR FILING DATE: 2002-06-26
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: Patent in version 3.2
; SEQ ID NO 29
; LENGTH: 24
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: synthetic oligonucleotide
PCT-US03-20167-29

Query Match 0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCAACCCCAACCCC 1266
Db 24 CCCCAACCCCAACCCCAACCCC 3

RESULT 360
US-07-954-185A-35/c
; Sequence 35, Application US/07954185A
; GENERAL INFORMATION:
; APPLICANT: Ronnie C. Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; TITLE OF INVENTION: Sequence
; NUMBER OF SEQUENCES: 122
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn
; ADDRESSEE: Kurtz Mackiewicz & Norris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/954,185A
; FILING DATE: 19920929
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0704
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
US-07-954-185A-35

Query Match 0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCAACCCCAACCCC 1266
Db 24 CCCCAACCCCAACCCCAACCCC 3

RESULT 362
US-07-954-185A-109/c
; Sequence 109, Application US/07954185A
; GENERAL INFORMATION:
; APPLICANT: Ronnie C. Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; TITLE OF INVENTION: Sequence

; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
US-07-954-185A-35

Query Match 0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCAACCCCAACCCC 1266
Db 24 CCCCAACCCCAACCCCAACCCC 3

RESULT 361
US-07-954-185A-43/c
; Sequence 43, Application US/07954185A
; GENERAL INFORMATION:
; APPLICANT: Ronnie C. Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; TITLE OF INVENTION: Sequence
; NUMBER OF SEQUENCES: 122
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn
; ADDRESSEE: Kurtz Mackiewicz & Norris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/954,185A
; FILING DATE: 19920929
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0704
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 43:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
US-07-954-185A-43

Query Match 0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCAACCCCAACCCC 1266
Db 24 CCCCAACCCCAACCCCAACCCC 3

RESULT 362
US-07-954-185A-109/c
; Sequence 109, Application US/07954185A
; GENERAL INFORMATION:
; APPLICANT: Ronnie C. Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; TITLE OF INVENTION: Sequence


```

; NUMBER OF SEQUENCES: 122
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn
; ADDRESSEE: Kurtz Mackiewicz & Norris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/954,185A
; FILING DATE: 19920929
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0704
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 109:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-07-954-185A-109

Query Match 0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCAACCCC 1266
Db 24 CCCCAACCCCAACCCCAACCCC 3

RESULT 363
US-07-954-185A-116/c
; Sequence 116, Application US/07954185A
; GENERAL INFORMATION:
; APPLICANT: Romlie C. Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; NUMBER OF SEQUENCES: 122
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn
; ADDRESSEE: Kurtz Mackiewicz & Norris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/954,185A
; FILING DATE: 19920929
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:

```

```

; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0704
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 116:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-07-954-185A-116

Query Match 0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCAACCCC 1266
Db 24 CCCCAACCCCAACCCCAACCCC 3

RESULT 364
US-08-529-190A-4
; Sequence 4, Application US/08529190A
; GENERAL INFORMATION:
; APPLICANT: Masucci, Maria G.
; TITLE OF INVENTION: GLYCINE-CONTAINING SEQUENCES
; CONFERRING INVISIBILITY TO THE IMMUNE SYSTEM
; NUMBER OF SEQUENCES: 63
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Banner & Allegretti
; STREET: 75 State Street
; CITY: Boston
; STATE: MA
; COUNTRY: USA
; ZIP: 02109
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DOS
; SOFTWARE: Wordperfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/529,190A
; FILING DATE: 15-SEP-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Williams, Ph.D., Kathleen A
; REGISTRATION NUMBER: 34,380
; REFERENCE/DOCKET NUMBER: THERE-005AX
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 617-345-9100
; TELEFAX: 617-345-9111
; TELEX:
; INFORMATION FOR SEQ ID NO: 4:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: Genomic DNA
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; FRAGMENT TYPE:
; ORIGINAL SOURCE:
; US-08-529-190A-4

Query Match 0.8%; Score 17.2; DB 1; Length 24;

```



```

, , COMPUTER: IBM PC compatible
, , OPERATING SYSTEM: PC-DOS/MS-DOS
, , SOFTWARE: Wordperfect 6.1a
, , CURRENT APPLICATION DATA:
, , APPLICATION NUMBER: US/08/733,369A
, , FILING DATE: 17 October, 1996
, , PRIOR APPLICATION DATA:
, , APPLICATION NUMBER: US 08/522,995
, , FILING DATE: 01-SEP-1995
, , PRIOR APPLICATION DATA:
, , APPLICATION NUMBER: US 08/529,130
, , FILING DATE: 15-SEP-1995
, , PRIOR APPLICATION DATA:
, , APPLICATION NUMBER: SE 95013249
, , FILING DATE: 10-APR-1995
, , PRIOR APPLICATION DATA:
, , APPLICATION NUMBER: PCT/GB96/00876
, , FILING DATE: 10-APR-1996
, , ATTORNEY/AGENT INFORMATION:
, , NAME: Williams, Kathleen M.
, , REGISTRATION NUMBER: 34,380
, , REFERENCE/DOCKET NUMBER: 95-1391-D
, , TELECOMMUNICATION INFORMATION:
, , TELEPHONE: 617-345-9100
, , TELEFAX: 617-345-9111
, , INFORMATION FOR SEQ ID NO: 61:
, , SEQUENCE CHARACTERISTICS:
, , LENGTH: 24 bases
, , TYPE: nucleic acid
, , STRANDEDNESS: single
, , TOPOLOGY: linear
, , MOLECULE TYPE: other nucleic acid
, , US-08-733-369A-61

```

```
Query Match      0.8%;      Score 17.2; DB 1;      Length 24;
Best Local Similarity 86.4%;      Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels
```

Qy 1129 ACCTTCACTCCAGCTCCACCT 1150
Db 24 ACCCGCACCTCCAGCTCCACTT 3

RESULT 368
US-08-970-900-55
; Sequence 55, Application US/08970900
; GENERAL INFORMATION:
; APPLICANT: Mabucci, Maria G.
; TITLE OF INVENTION: FUSION PROTEINS HAVING INCREASED HALF-LIVES.
; NUMBER OF SEQUENCES: 91
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Kathleen M. Williams, Banner & Witcoff, Ltd.
; STREET: One Financial Center
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02111
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette, 3.50 inch, 1.44 Mb storage
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Wordperfect 6.1a
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/970,900
; FILING DATE: 14-NOV-1997
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/030,986
; FILING DATE: 15-NOV-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/048,945
; FILING DATE: 25-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Williams, Kathleen M.

```
, , REGISTRATION NUMBER: 34,380
, , REFERENCE/DOCKET NUMBER: 3255/59831
, , TELECOMMUNICATION INFORMATION:
, , TELEPHONE: 617-345-9100
, , TELEFAX: 617-345-9111
, , INFORMATION FOR SEQ ID NO: 55:
, , SEQUENCE CHARACTERISTICS:
, , LENGTH: 24 bases
, , TYPE: nucleic acid
, , STRANDEDNESS: single
, , TOPOLOGY: linear
, , MOLECULE TYPE: other nucleic acid
US-08-970-900-55
```

Query Match 0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels

Qy	1126	TCCACCTTCACCTCCAGCTCCA	1147
Db	2	TCCACCCGCACCTCCAGCACCA	23

RESULT 369
US-08-970-900-56/c
; Sequence 56, Application US/08970900
; GENERAL INFORMATION:
; APPLICANT: Masucci, Maria G.
; TITLE OF INVENTION: FUSION PROTEINS HAVING INCREASED HALF-LIVES.
; NUMBER OF SEQUENCES: 91
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Kathleen M. Williams, Banner & Witcoff, Ltd.
; STREET: One Financial Center
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02111

Query Match 0.8%; Score 1
Best Local Similarity 86.4%; Pred. No
Matches 19; Conservative 0; Mismat

QY 1129 ACCTTCACCTCCAGCTCCACCT 1150


```
;
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 43:
US-09-299-058-43

Query Match          0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1245 CTCGACCCCATCCCCAACCCC 1266
Db 24 CCCCAACCCCAACCCCAACCCC 3

RESULT 374
US-09-299-058-109/c
; Sequence 109, Application US/09299058
; GENERAL INFORMATION:
; APPLICANT: Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & Norris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/299,058
; FILING DATE: 23-Apr-1999
; CLASSIFICATION: N/A
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/403,888
; FILING DATE: 12-JUNE-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 109:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 109:
US-09-299-058-109

Query Match          0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1245 CTCGACCCCATCCCCAACCCC 1266
Db 24 CCCCAACCCCAACCCCAACCCC 3

RESULT 375
US-09-299-058-116/c
; Sequence 116, Application US/09299058
; GENERAL INFORMATION:
```

```
;
; APPLICANT: Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & Norris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/299,058
; FILING DATE: 23-Apr-1999
; CLASSIFICATION: N/A
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/403,888
; FILING DATE: 12-JUNE-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 116:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 116:
US-09-299-058-116

Query Match          0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1245 CTCGACCCCATCCCCAACCCC 1266
Db 24 CCCCAACCCCAACCCCAACCCC 3

RESULT 376
US-09-352-716A-33
; Sequence 33, Application US/09352716A
; GENERAL INFORMATION:
; APPLICANT: Coughlin, Shaun
; APPLICANT: Kahn, Mark
; TITLE OF INVENTION: Protease Activated Receptor 4 and Uses
; FILE REFERENCE: 220002060400
; CURRENT APPLICATION NUMBER: US/09/352,716A
; CURRENT FILING DATE: 1999-07-13
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 33
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Mus musculus
; US-09-352-716A-33

Query Match          0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1283 ACAGCGCCCAACGACACAGAG 1304
      ||||| ||||| ||||| ||||| |||||
```

```
Db      3 ACAGCCACCACAGCCATAG 24

RESULT 377
US-09-352-716B-33
; Sequence 33, Application US/09352716B
; GENERAL INFORMATION:
; APPLICANT: Coughlin, Shaun
; APPLICANT: Kahn, Mark
; TITLE OF INVENTION: Protease Activated Receptor 4 and Uses
; TITLE OF INVENTION: Thereof
; FILE REFERENCE: 22002060410
; CURRENT APPLICATION NUMBER: US/09/352,716B
; CURRENT FILING DATE: 1999-07-13
; PRIOR APPLICATION NUMBER: 09/032,397
; PRIOR FILING DATE: 1998-02-27
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 33
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-352-716B-33

Query Match      0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1283 ACAGGCCACACAGCCACAG 1304
||||| ||||| ||||| ||||| |||||
Db      3 ACAGCCACCACAGCCATAG 24

RESULT 378
US-09-361-503-29
; Sequence 29, Application US/09361503
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; APPLICANT: Calvin B. Harley
; APPLICANT: Scott L. Weinrich
; APPLICANT: Catherine M. Strahl
; APPLICANT: Michael J. Mceachern
; APPLICANT: Jerry Shay
; APPLICANT: Woodring E. Wright
; APPLICANT: Elizabeth H. Blackburn
; APPLICANT: Nam Woo Kim
; APPLICANT: Homayoun Vaziri
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
; TITLE OF INVENTION: CONDITIONS RELATED TO
; TITLE OF INVENTION: TELOMERE LENGTH AND/OR
; TITLE OF INVENTION: TELOMERASE ACTIVITY
; NUMBER OF SEQUENCES: 80
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/361,503
; FILING DATE: Filed Herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/819,867
; FILING DATE: March 14, 1997

Db      1245 CTCGACCCCATCCCCAACCCC 1266
||||| ||||| ||||| ||||| |||||
Db      1 CCCCACCCCAACCCCAACCCC 22

RESULT 379
US-09-361-503-32/c
; Sequence 32, Application US/09361503
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; APPLICANT: Calvin B. Harley
; APPLICANT: Scott L. Weinrich
; APPLICANT: Catherine M. Strahl
; APPLICANT: Michael J. Mceachern
; APPLICANT: Jerry Shay
; APPLICANT: Woodring E. Wright
; APPLICANT: Elizabeth H. Blackburn
; APPLICANT: Nam Woo Kim
; APPLICANT: Homayoun Vaziri
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
; TITLE OF INVENTION: CONDITIONS RELATED TO
; TITLE OF INVENTION: TELOMERE LENGTH AND/OR
; TITLE OF INVENTION: TELOMERASE ACTIVITY
; NUMBER OF SEQUENCES: 80
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; CITY: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; MEDIUM TYPE: storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSEQ for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/361,503
; FILING DATE: Filed Herewith
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/819,867
; FILING DATE: March 14, 1997
; APPLICATION NUMBER: 08/153,051
; FILING DATE: November 12, 1993
; APPLICATION NUMBER:
; FILING DATE:
```

ATTORNEY/AGENT INFORMATION:
 NAME: Murdock, Douglas C.
 REGISTRATION NUMBER: 37,549
 REFERENCE/DOCKET NUMBER: 238/304
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 32:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 24 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-09-361-503-32

Query Match 0.8%; Score 17.2; DB 1; Length 24;
 Best Local Similarity 86.4%; Pred. No. 2.2e+02;
 Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCAACCCC 1266
 DB 24 CCCCAACCCCAACCCCAACCCC 3

RESULT 380
 US-09-361-503-34/c
 Sequence 34, Application US/09361503
 GENERAL INFORMATION:
 APPLICANT: Michael D. West
 APPLICANT: Calvin B. Harley
 APPLICANT: Scott L. Weinrich
 APPLICANT: Catherine M. Strahl
 APPLICANT: Michael J. Mceachern
 APPLICANT: Jerry Shay
 APPLICANT: Woodring E. Wright
 APPLICANT: Elizabeth H. Blackburn
 APPLICANT: Nam Woo Kim
 APPLICANT: Homayoun Vaziri
 TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
 TITLE OF INVENTION: CONDITIONS RELATED TO
 TITLE OF INVENTION: TELOMERE LENGTH AND/OR
 TITLE OF INVENTION: TELOMERASE ACTIVITY
 NUMBER OF SEQUENCES: 80
 CORRESPONDENCE ADDRESS:
 ADDRESSEE: Lyon & Lyon
 STREET: 633 West Fifth Street
 STREET: Suite 4700
 CITY: Los Angeles
 STATE: California
 COUNTRY: U.S.A.
 ZIP: 90071-2066
 COMPUTER READABLE FORM:
 MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
 MEDIUM TYPE: Storage
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: IBM P.C. DOS 5.0
 SOFTWARE: FastSeq for Windows 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/09/361,503
 FILING DATE: Filed Herewith
 CLASSIFICATION:
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: 08/819,867
 FILING DATE: March 14, 1997
 APPLICATION NUMBER: 08/153,051
 FILING DATE: November 12, 1993
 APPLICATION NUMBER:
 FILING DATE:
 ATTORNEY/AGENT INFORMATION:
 NAME: Murdock, Douglas C.
 REGISTRATION NUMBER: 37,549
 REFERENCE/DOCKET NUMBER: 238/304

TELECOMMUNICATION INFORMATION:
 TELEPHONE: (213) 489-1600
 TELEFAX: (213) 955-0440
 TELEX: 67-3510
 INFORMATION FOR SEQ ID NO: 34:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 24 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 US-09-361-503-34

Query Match 0.8%; Score 17.2; DB 1; Length 24;
 Best Local Similarity 86.4%; Pred. No. 2.2e+02;
 Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCAACCCC 1266
 DB 24 CCCCAACCCCAACCCCAACCCC 3

RESULT 381
 US-09-459-824-3/c
 Sequence 3, Application US/09459824
 GENERAL INFORMATION:
 APPLICANT: Hardin, Charles
 APPLICANT: Brown, Bernard
 APPLICANT: Roberts, John
 APPLICANT: Pelsue, Stephen
 APPLICANT: Shultz, Leonard
 TITLE OF INVENTION: ANTIBODIES THAT SELECTIVELY BIND QUADRUPEX NUCLEIC ACIDS
 FILE REFERENCE: 5051.301.ADV
 CURRENT APPLICATION NUMBER: US/09/459,824
 CURRENT FILING DATE: 1999-12-13
 PRIOR APPLICATION NUMBER: 08/729,598
 PRIOR FILING DATE: 1996-10-11
 PRIOR APPLICATION NUMBER: 60/005,242
 PRIOR FILING DATE: 1995-10-12
 NUMBER OF SEQ ID NOS: 13
 SOFTWARE: Patent in version 3.0
 SEQ ID NO 3
 LENGTH: 24
 TYPE: DNA
 ORGANISM: synthetic construct
 US-09-459-824-3

Query Match 0.8%; Score 17.2; DB 1; Length 24;
 Best Local Similarity 86.4%; Pred. No. 2.2e+02;
 Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCAACCCC 1266
 DB 24 CCCCAACCCCAACCCCAACCCC 3

RESULT 382
 US-09-860-784A-142/c
 Sequence 142, Application US/09860784A
 GENERAL INFORMATION:
 APPLICANT: PEYMAN, ANUSCHIRWAN
 APPLICANT: UHLMANN, EUGEN
 TITLE OF INVENTION: G CAP-STABILIZED OLIGONUCLEOTIDES
 FILE REFERENCE: 38005-0149
 CURRENT APPLICATION NUMBER: US/09/860,784A
 CURRENT FILING DATE: 2001-05-21
 PRIOR APPLICATION NUMBER: 09/631,946
 PRIOR FILING DATE: 2000-08-03
 PRIOR APPLICATION NUMBER: 09/258,408
 PRIOR FILING DATE: 1999-02-26
 PRIOR APPLICATION NUMBER: 08/594,452
 PRIOR FILING DATE: 1996-01-31
 PRIOR APPLICATION NUMBER: DE 195 02 912.7
 PRIOR FILING DATE: 1995-01-31

```
; NUMBER OF SEQ ID NOS: 145
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 142
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-860-784A-142

Query Match          0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCAACCCC 1266
DB 24 CCCCAACCCCAACCCCAACCCC 3

RESULT 383
US-10-038-335-4/c
; Sequence 4, Application US/10038335
; GENERAL INFORMATION:
; APPLICANT: Ecker, David J.
; APPLICANT: Wyatt, Jacqueline
; APPLICANT: Bennett, C. Frank
; APPLICANT: Hanecak, Ronnie
; APPLICANT: Brown-Driver, Vickie
; APPLICANT: Vickers, Timothy
; APPLICANT: Chiang, Ming-yi
; APPLICANT: Anderson, Kevin
; TITLE OF INVENTION: Modulation Of Telomere Length By Oligonucleotides Having A G-Core
; FILE REFERENCE: ISIS-4976
; CURRENT APPLICATION NUMBER: US/10/038,335
; PRIOR FILING DATE: 2001-01-02
; PRIOR FILING DATE: 1999-04-23
; PRIOR FILING DATE: 1999-04-23
; PRIOR FILING DATE: 1995-06-12
; PRIOR FILING DATE: 1993-09-29
; PRIOR FILING DATE: 1993-09-29
; PRIOR FILING DATE: 1992-09-29
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Novel sequence
; FEATURE:
; OTHER INFORMATION: Antisense sequence
US-10-038-335-4

Query Match          0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCAACCCC 1266
DB 24 CCCCAACCCCAACCCCAACCCC 3

RESULT 384
US-10-118-854-29/c
; Sequence 29, Application US/10118854
; GENERAL INFORMATION:
; APPLICANT: Bates, Paula J
; APPLICANT: Miller, Donald M
; APPLICANT: Trent, John O
; APPLICANT: Xu, Xiaohua
; TITLE OF INVENTION: A NEW METHOD FOR THE DIAGNOSIS AND PROGNOSIS OF MALIGNANT
```

```
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 9799910-
; CURRENT APPLICATION NUMBER: US/10/118,854
; CURRENT FILING DATE: 2003-04-08
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 29
; LENGTH: 24
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: synthetic oligonucleotide
US-10-118-854-29

Query Match          0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCAACCCC 1266
DB 24 CCCCAACCCCAACCCCAACCCC 3

RESULT 385
US-10-232-927A-29
; Sequence 29, Application US/10232927A
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; APPLICANT: Calvin B. Harley
; APPLICANT: Scott L. Weinrich
; APPLICANT: Catherine M. Strahl
; APPLICANT: Michael J. Mceachern
; APPLICANT: Jerry Shay
; APPLICANT: Woodring E. Wright
; APPLICANT: Elizabeth H. Blackburn
; APPLICANT: Nam Woo Kim
; APPLICANT: Homayoun Vaziri
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
; CONDITIONS RELATED TO
; TELOMERE LENGTH AND/OR
; TELOMERASE ACTIVITY
; NUMBER OF SEQUENCES: 80
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; SUITE: Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/232,927A
; FILING DATE: 29-Aug-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/378,535
; FILING DATE: 20-Aug-1999
; APPLICATION NUMBER: 08/819,867
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Chambers, Daniel M.
; REGISTRATION NUMBER: 34,561
; REFERENCE/DOCKET NUMBER: 224/232
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
```



```
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 29:
US-10-232-927A-29
Query Match 0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCAACCCC 1266
Db 1 CCCCAACCCCAACCCCAACCCC 22

RESULT 386
US-10-232-927A-32/c
; Sequence 32, Application US/10232927A
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; Calvin B. Harley
; Scott L. Weinrich
; Catherine M. Strahl
; Michael J. Mceachern
; Jerry Shay
; Woodring E. Wright
; Elizabeth H. Blackburn
; Nam Woo Kim
; Homayoun Vaziri
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
; CONDITIONS RELATED TO
; TELOMERE LENGTH AND/OR
; TELOMERASE ACTIVITY
; NUMBER OF SEQUENCES: 80
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/232,927A
; FILING DATE: 29-Aug-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/378,535
; FILING DATE: 20-Aug-1999
; APPLICATION NUMBER: 08/819,867
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Chambers, Daniel M.
; REGISTRATION NUMBER: 34,561
; REFERENCE/DOCKET NUMBER: 224/232
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
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```
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 32:
US-10-232-927A-32
Query Match 0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCAACCCC 1266
Db 24 CCCCAACCCCAACCCCAACCCC 3

RESULT 387
US-10-232-927A-34/c
; Sequence 34, Application US/10232927A
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; Calvin B. Harley
; Scott L. Weinrich
; Catherine M. Strahl
; Michael J. Mceachern
; Jerry Shay
; Woodring E. Wright
; Elizabeth H. Blackburn
; Nam Woo Kim
; Homayoun Vaziri
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
; CONDITIONS RELATED TO
; TELOMERE LENGTH AND/OR
; TELOMERASE ACTIVITY
; NUMBER OF SEQUENCES: 80
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; storage
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/232,927A
; FILING DATE: 29-Aug-2002
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/378,535
; FILING DATE: 20-Aug-1999
; APPLICATION NUMBER: 08/819,867
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Chambers, Daniel M.
; REGISTRATION NUMBER: 34,561
; REFERENCE/DOCKET NUMBER: 224/232
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 34:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 34:
US-10-232-927A-34
Query Match 0.8%; Score 17.2; DB 1; Length 24;
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Best Local Similarity 86.4%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCAACCCC 1266
DB 24 CCCCAACCCCAACCCCAACCCC 3

RESULT 388
US-10-232-927B-29
; Sequence 29, Application US/10232927B
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; Calvin B. Harley
; Scott L. Weinrich
; Catherine M. Strahl
; Michael J. Mceachern
; Jerry Shay
; Woodring E. Wright
; Elizabeth H. Blackburn
; Nam Woo Kim
; Homayoun Vaziri
;
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
; CONDITIONS RELATED TO
; TELOMERE LENGTH AND/OR
; TELOMERASE ACTIVITY
;
; NUMBER OF SEQUENCES: 80
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; storage
;
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/232,927B
; FILING DATE: 29-Aug-2002
; CLASSIFICATION: 435
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/819,867
; FILING DATE: March 14, 1997
; APPLICATION NUMBER: <Unknown>
; FILING DATE: <Unknown>
; APPLICATION NUMBER: 08/153,051
; FILING DATE: November 12, 1993
; APPLICATION NUMBER: <Unknown>
; FILING DATE: <Unknown>
;
; ATTORNEY/AGENT INFORMATION:
; NAME: Chambers, Daniel M.
; REGISTRATION NUMBER: 34,561
; REFERENCE/DOCKET NUMBER: 224/232
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
;
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; SEQUENCE DESCRIPTION: SEQ ID NO: 29:
US-10-232-927B-29
Query Match 0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Best Local Similarity 86.4%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCAACCCC 1266
DB 24 CCCCAACCCCAACCCCAACCCC 3

RESULT 389
US-10-232-927B-32/c
; Sequence 32, Application US/10232927B
; GENERAL INFORMATION:
; APPLICANT: Michael D. West
; Calvin B. Harley
; Scott L. Weinrich
; Catherine M. Strahl
; Michael J. Mceachern
; Jerry Shay
; Woodring E. Wright
; Elizabeth H. Blackburn
; Nam Woo Kim
; Homayoun Vaziri
;
; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF
; CONDITIONS RELATED TO
; TELOMERE LENGTH AND/OR
; TELOMERASE ACTIVITY
;
; NUMBER OF SEQUENCES: 80
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Lyon & Lyon
; STREET: 633 West Fifth Street
; Suite 4700
; CITY: Los Angeles
; STATE: California
; COUNTRY: U.S.A.
; ZIP: 90071-2066
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
; storage
;
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: IBM P.C. DOS 5.0
; SOFTWARE: FastSeq for Windows 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/232,927B
; FILING DATE: 29-Aug-2002
; CLASSIFICATION: 435
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/819,867
; FILING DATE: March 14, 1997
; APPLICATION NUMBER: <Unknown>
; FILING DATE: <Unknown>
; APPLICATION NUMBER: 08/153,051
; FILING DATE: November 12, 1993
; APPLICATION NUMBER: <Unknown>
; FILING DATE: <Unknown>
;
; ATTORNEY/AGENT INFORMATION:
; NAME: Chambers, Daniel M.
; REGISTRATION NUMBER: 34,561
; REFERENCE/DOCKET NUMBER: 224/232
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (213) 489-1600
; TELEFAX: (213) 955-0440
; TELEX: 67-3510
;
; INFORMATION FOR SEQ ID NO: 32:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; SEQUENCE DESCRIPTION: SEQ ID NO: 32:
US-10-232-927B-32
Query Match 0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY 1245 CTCGACCCCATCCCAACCCC 1266
Db 24 CCCCAACCCCAACCCCAACCCC 3

RESULT 390

US-10-232-927B-34/c

; Sequence 34, Application US/10232927B

; GENERAL INFORMATION:

; APPLICANT: Michael D. West

; Calvin B. Harley

; Scott L. Weinrich

; Catherine M. Strahl

; Michael J. McEachern

; Jerry Shay

; Woodring E. Wright

; Elizabeth H. Blackburn

; Nam Woo Kim

; Homayoun Vaziri

; TITLE OF INVENTION: THERAPY AND DIAGNOSIS OF

; CONDITIONS RELATED TO

; TELOMERE LENGTH AND/OR

; TELOMERASE ACTIVITY

; NUMBER OF SEQUENCES: 80

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: Lyon & Lyon

; STREET: 633 West Fifth Street

; Suite 4700

; CITY: Los Angeles

; STATE: California

; COUNTRY: U.S.A.

; ZIP: 90071-2066

; COMPUTER READABLE FORM:

; MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

; storage

; COMPUTER: IBM Compatible

; OPERATING SYSTEM: IBM P.C. DOS 5.0

; SOFTWARE: FASTSEQ for Windows 2.0

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/10/232,927B

; FILING DATE: 29-Aug-2002

; CLASSIFICATION: 435

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/08/819,867

; FILING DATE: March 14, 1997

; APPLICATION NUMBER: <Unknown>

; FILING DATE: <Unknown>

; APPLICATION NUMBER: 08/153,051

; FILING DATE: November 12, 1993

; APPLICATION NUMBER: <Unknown>

; FILING DATE: <Unknown>

; ATTORNEY/AGENT INFORMATION:

; NAME: Chambers, Daniel M.

; REGISTRATION NUMBER: 34,561

; REFERENCE/DOCKET NUMBER: 224/232

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (213) 489-1600

; TELEFAX: (213) 955-0440

; TELEX: 67-3510

; INFORMATION FOR SEQ ID NO: 34:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 24 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; SEQUENCE DESCRIPTION: SEQ ID NO: 34:

US-10-232-927B-34

Query Match

Best Local Similarity 0.8%; Score 17.2; DB 1; Length 24;

Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCAACCCC 1266
Db 24 CCCCAACCCCAACCCCAACCCC 3

RESULT 391

US-10-607-455-29/c

; Sequence 29, Application US/10607455

; GENERAL INFORMATION:

; APPLICANT: Bates, Paula J

; APPLICANT: Mi, Yingchang

; TITLE OF INVENTION: A NEW METHOD FOR THE DIAGNOSIS AND PROGNOSIS OF MALIGNANT

; DISEASES

; FILE REFERENCE: 0979910-0034

; CURRENT APPLICATION NUMBER: US/10/607,455

; PRIOR FILING DATE: 2003-06-26

; PRIOR APPLICATION NUMBER: 60/392,143

; PRIOR FILING DATE: 2002-06-26

; NUMBER OF SEQ ID NOS: 38

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 29

; LENGTH: 24

; TYPE: DNA

; ORGANISM: artificial sequence

; FEATURE:

; OTHER INFORMATION: synthetic oligonucleotide

US-10-607-455-29

Query Match 0.8%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 2.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1245 CTCGACCCCATCCCAACCCC 1266
Db 24 CCCCAACCCCAACCCCAACCCC 3

RESULT 392

US-09-695-451-152/c

; Sequence 152, Application US/09695451

; GENERAL INFORMATION:

; APPLICANT: Brenda F. Baker

; APPLICANT: Lex M. Cowser

; APPLICANT: Hong Zhang

; APPLICANT: Nicholas M. Dean

; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFRI EXPRESSION

; FILE REFERENCE: ISPH-0518

; CURRENT APPLICATION NUMBER: US/09/695,451

; CURRENT FILING DATE: 2000-10-24

; PRIOR APPLICATION NUMBER: US 09/106,038

; PRIOR FILING DATE: 1998-06-26

; PRIOR APPLICATION NUMBER: PCT/US99/13763

; PRIOR FILING DATE: 1999-06-17

; NUMBER OF SEQ ID NOS: 246

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 152

; LENGTH: 18

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: Antisense Oligonucleotide

US-09-695-451-152

Query Match 0.8%; Score 17; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1169 CCAACTTTCGGCTCCC 1185
Db 17 CCAACTTTCGGCTCCC 1

RESULT 393

US-10-702-817-152/c
; Sequence 152, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFRI EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 152
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-152

Query Match 0.8%; Score 17; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1169 CCAACTTTGGGCTCC 1185
Db 17 CCAACTTTGGGCTCC 1

RESULT 394
US-09-949-427-355
; Sequence 355, Application US/09949427
; GENERAL INFORMATION:
; APPLICANT: Bodnar, Jackie S.
; APPLICANT: Castellani, Lawrence W.
; APPLICANT: Chatterjee, Aurobindo
; APPLICANT: de Jong, Pieter
; APPLICANT: Lusi, Aldons J.
; APPLICANT: Ohmen, Jeff
; APPLICANT: Ross, David
; APPLICANT: Tafuri, Sherrie
; APPLICANT: Wu, Chenyan
; TITLE OF INVENTION: Gene and Sequence Variation Associated with Cancer
; FILE REFERENCE: 02810.0014.NPUS02
; CURRENT APPLICATION NUMBER: US/09/949,427
; CURRENT FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: 60/231,322
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 405
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 355
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-09-949-427-355

Query Match 0.8%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 2.2e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 866 GCACTGAGGACTCAGGCACC 885
Db 1 GCTCTGAGGACTCAGGCACC 20

RESULT 395
US-09-949-427A-355

; Sequence 355, Application US/09949427A
; GENERAL INFORMATION:
; APPLICANT: Bodnar, Jackie S.
; APPLICANT: Castellani, Lawrence W.
; APPLICANT: Chatterjee, Aurobindo
; APPLICANT: de Jong, Pieter
; APPLICANT: Lusi, Aldons J.
; APPLICANT: Ohmen, Jeff
; APPLICANT: Ross, David
; APPLICANT: Tafuri, Sherrie
; APPLICANT: Wu, Chenyan
; TITLE OF INVENTION: Gene and Sequence Variation Associated with Cancer
; FILE REFERENCE: 8038 02810-0014
; CURRENT APPLICATION NUMBER: US/09/949,427A
; CURRENT FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: 60/231,322
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 415
; SOFTWARE: PatentIn version 2.1
; SEQ ID NO 355
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-09-949-427A-355

Query Match 0.8%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 2.2e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 866 GCACTGAGGACTCAGGCACC 885
Db 1 GCTCTGAGGACTCAGGCACC 20

RESULT 396
US-09-949-428-355
; Sequence 355, Application US/09949428
; GENERAL INFORMATION:
; APPLICANT: Bodnar, Jackie S.
; APPLICANT: Castellani, Lawrence W.
; APPLICANT: Chatterjee, Aurobindo
; APPLICANT: de Jong, Pieter
; APPLICANT: Lusi, Aldons J.
; APPLICANT: Ohmen, Jeff
; APPLICANT: Ross, David
; APPLICANT: Tafuri, Sherrie
; APPLICANT: Wu, Chenyan
; TITLE OF INVENTION: Gene and Sequence Variation Associated with Lipid Disorder
; FILE REFERENCE: 02810.0014.NPUS01
; CURRENT APPLICATION NUMBER: US/09/949,428
; CURRENT FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: 60/231,322
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 405
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 355
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-09-949-428-355

Query Match 0.8%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 2.2e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 866 GCACTGAGGACTCAGGCACC 885
Db 1 GCTCTGAGGACTCAGGCACC 20

LOCATION: (4224673)...(4224696)
OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectonObjectNumber = 465
US-10-227-565-43471

Query Match 0.8%; Score 16.8; DB 1; Length 24;
Best Local Similarity 90.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1128 CACCTTCACCTCCAGCTCCA 1147
DB 4 CACCTTCAGCGCCAGCTCCA 23

RESULT 400
US-10-367-832A-43471
Sequence 43471, Application US/10367832A
GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: US/10/367,832A
CURRENT FILING DATE: 2002-08-26
NUMBER OF SEQ ID NOS: 64158
SOFTWARE: Proprietary
SEQ ID NO 43471
LENGTH: 24
TYPE: DNA
ORGANISM: Pseudomonas aeruginosa PA01, complete genome.

Query Match 0.8%; Score 16.8; DB 1; Length 22;
Best Local Similarity 90.0%; Pred. No. 2.3e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1052 CCTGGCCCAACCCAGC 1071
DB 21 CCTGGCCCAACCCAGC 2

RESULT 398
PCT-US02-25943-43471
Sequence 43471, Application PC/TUS0225943
GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: PCT/US02/25943
CURRENT FILING DATE: 2002-08-27
NUMBER OF SEQ ID NOS: 64158
SOFTWARE: Proprietary
SEQ ID NO 43471
LENGTH: 24
TYPE: DNA
ORGANISM: Pseudomonas aeruginosa PA01, complete genome.

Query Match 0.8%; Score 16.8; DB 1; Length 24;
Best Local Similarity 90.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1128 CACCTTCACCTCCAGCTCCA 1147
DB 4 CACCTTCAGCGCCAGCTCCA 23

RESULT 399
US-10-227-565-43471
Sequence 43471, Application US/10227565
GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: US/10/227,565
CURRENT FILING DATE: 2002-08-26
NUMBER OF SEQ ID NOS: 64158
SOFTWARE: Proprietary
SEQ ID NO 43471
LENGTH: 24
TYPE: DNA
ORGANISM: Pseudomonas aeruginosa PA01, complete genome.

Query Match 0.8%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 2.1e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1167 TCCCAACTTTCGGCTCC 1184

LOCATION: (4224673)...(4224696)
OTHER INFORMATION: Chromosome = 1 Strand = positive ConnectonObjectNumber = 465
US-10-227-565-43471

Query Match 0.8%; Score 16.8; DB 1; Length 24;
Best Local Similarity 90.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1128 CACCTTCACCTCCAGCTCCA 1147
DB 4 CACCTTCAGCGCCAGCTCCA 23

RESULT 400
US-10-367-832A-43471
Sequence 43471, Application US/10367832A
GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: US/10/367,832A
CURRENT FILING DATE: 2002-08-26
NUMBER OF SEQ ID NOS: 64158
SOFTWARE: Proprietary
SEQ ID NO 43471
LENGTH: 24
TYPE: DNA
ORGANISM: Pseudomonas aeruginosa PA01, complete genome.

Query Match 0.8%; Score 16.8; DB 1; Length 24;
Best Local Similarity 90.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1128 CACCTTCACCTCCAGCTCCA 1147
DB 4 CACCTTCAGCGCCAGCTCCA 23

RESULT 401
US-09-695-451-151/c
Sequence 151, Application US/09695451
GENERAL INFORMATION:
APPLICANT: Brenda F. Baker
APPLICANT: Lex M. Cowser
APPLICANT: Hong Zhang
TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
FILE REFERENCE: ISPH-0518
CURRENT APPLICATION NUMBER: US/09/695,451
CURRENT FILING DATE: 2000-10-24
PRIOR APPLICATION NUMBER: US 09/106,038
PRIOR FILING DATE: 1998-06-26
PRIOR APPLICATION NUMBER: PCT/US99/13763
PRIOR FILING DATE: 1999-06-17
NUMBER OF SEQ ID NOS: 246
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 151
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-151

Query Match 0.8%; Score 16.8; DB 1; Length 24;
Best Local Similarity 90.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1128 CACCTTCACCTCCAGCTCCA 1147
DB 4 CACCTTCAGCGCCAGCTCCA 23

RESULT 399
US-10-227-565-43471
Sequence 43471, Application US/10227565
GENERAL INFORMATION:
APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
TITLE OF INVENTION: Pseudomonas aeruginosa PA01, complete genome.
FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
CURRENT APPLICATION NUMBER: US/10/227,565
CURRENT FILING DATE: 2002-08-26
NUMBER OF SEQ ID NOS: 64158
SOFTWARE: Proprietary
SEQ ID NO 43471
LENGTH: 24
TYPE: DNA
ORGANISM: Pseudomonas aeruginosa PA01, complete genome.

Query Match 0.8%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 2.1e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1167 TCCCAACTTTCGGCTCC 1184

```
Db 18 TACCACTTTGGCGCTCC 1
;
;
; CURRENT FILING DATE: 2003-01-24
; NUMBER OF SEQ ID NOS: 284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 30
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-349-780A-30

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 2.7e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 867 CACTGAGGACTCAGGCACAC 887
DB 21 CACTGAGGACTCAGGCACAC 1

RESULT 405
US-10-751-736-17819
; Sequence 17819, Application US/10751736
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17819
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAL
US-10-751-736-17819

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 52.4%; Pred. No. 2.7e+02;
Matches 11; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 977 CCAAGCTCTACTCCATGTTT 997
DB 1 CCAAGCTCTACTCCATGTTT 21

RESULT 406
US-10-751-736-27496/c
; Sequence 27496, Application US/10751736
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 27496
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-27496

Db 18 TACCACTTTGGCGCTCC 1
;
;
; CURRENT FILING DATE: 2003-01-24
; NUMBER OF SEQ ID NOS: 284
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 30
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-349-780A-30

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 2.7e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 867 CACTGAGGACTCAGGCACAC 887
DB 21 CACTGAGGACTCAGGCACAC 1

RESULT 405
US-10-751-736-17819
; Sequence 17819, Application US/10751736
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17819
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAL
US-10-751-736-17819

Query Match 0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 52.4%; Pred. No. 2.7e+02;
Matches 11; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

QY 977 CCAAGCTCTACTCCATGTTT 997
DB 1 CCAAGCTCTACTCCATGTTT 21

RESULT 406
US-10-751-736-27496/c
; Sequence 27496, Application US/10751736
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 27496
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-751-736-27496
```

```
Query Match          0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 2.7e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 890 TGCTGTGCCCTGGTCAATT 910
Db 21 TTCTGTGCCACTGTTCATTT 1

RESULT 407
US-60-216-745-5635
; Sequence 5635, Application US/60216745
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilyia
; APPLICANT: Abderrahim, Hadi
; APPLICANT: Dufauré-Gare, Isabelle
; TITLE OF INVENTION: BIALLELIC MARKER MAPS FOR USE IN CONSTRUCTING A HIGH DENSITY...
; FILE REFERENCE: 84.US1.PRO
; CURRENT APPLICATION NUMBER: US/60/216,745
; CURRENT FILING DATE: 2000-06-30
; NUMBER OF SEQ ID NOS: 13665
; SOFTWARE: Patent.pm
; SEQ ID NO 5635
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: upstream amplification primer 99-18835 for SEQ 1104,
US-60-216-745-5635

Query Match          0.7%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 2.7e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 904 GTCATTTCTTTGCTTTGC 924
Db 1 GTCATTTCTTTGCTTTAC 21

RESULT 408
US-10-310-188-21667/c
; Sequence 21667, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 21667
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-21667

Query Match          0.7%; Score 16.2; DB 1; Length 22;
Best Local Similarity 85.7%; Pred. No. 2.8e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1247 CCGACCCCATCCCAACCCC 1267
Db 22 CAGACTCCATCCCAACCCC 2

RESULT 409
US-10-310-188-22799/c
; Sequence 22799, Application US/10310188
```

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; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 22799
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-22799

Query Match          0.7%; Score 16.2; DB 1; Length 23;
Best Local Similarity 85.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1250 ACCCATCCCAACCCCTTC 1270
Db 22 ACCCATCCCAATACCCCTTC 2

RESULT 410
US-10-310-188-47124/c
; Sequence 47124, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 47124
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-47124

Query Match          0.7%; Score 16.2; DB 1; Length 23;
Best Local Similarity 85.7%; Pred. No. 2.9e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1015 GAAAAAGAGGGGAGCTTGA 1035
Db 22 GAAAAAGAGGGGAGGTGGA 2

RESULT 411
US-09-695-451-153/c
; Sequence 153, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowsett
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 153
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

```
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-153

Query Match          0.7%; Score 16; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1224 CATCCTTGGCAGCC 1239
Db 18 CATCCTTGGCAGCC 3

RESULT 412
US-10-702-817-153/c
; Sequence 153, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; PRIOR FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 153
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-153

Query Match          0.7%; Score 16; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 2.4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1224 CATCCTTGGCAGCC 1239
Db 18 CATCCTTGGCAGCC 3

RESULT 413
US-10-266-090-40186
; Sequence 40186, Application US/10266090
; GENERAL INFORMATION:
; APPLICANT: GOFF, STEPHEN
; APPLICANT: BONAN, CAROLINE
; APPLICANT: COLBERT, MICHELLE
; APPLICANT: WANG, RONG-LIN
; TITLE OF INVENTION: CEREAL TRINUCLEOTIDE SIMPLE SEQUENCE
; FILE REFERENCE: NAD1.058C1
; CURRENT APPLICATION NUMBER: US/10/266,090
; CURRENT FILING DATE: 2002-10-03
; PRIOR APPLICATION NUMBER: US 10/260,703
; PRIOR FILING DATE: 2002-09-26
; PRIOR APPLICATION NUMBER: US 60/326,117
; PRIOR FILING DATE: 2001-09-26
; NUMBER OF SEQ ID NOS: 51812
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 40186
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR PRIMER FOR SEQUENCE FROM ORYZA SATIVA
US-10-266-090-40186

Query Match          0.7%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 2.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1122 CAGTTCACCTTCACCTCC 1140
Db 1 CAGATCCACCTCCACCTCC 19

RESULT 414
US-09-695-451-199/c
; Sequence 199, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowsett
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 199
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-199

Query Match          0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 2.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 827 GCACGAGTTGTGCCTACC 845
Db 20 GTATGAGTTGTGCCTACC 2

RESULT 415
US-09-695-451-201/c
; Sequence 201, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowsett
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 201
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-201

Query Match          0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 2.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```


Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 914 TTGGTCTTTGGCTTTATC 932
Db 19 TAGGCTTTGGCTTTATC 1

RESULT 416

US-10-266-090-49719
; Sequence 49719, Application US/10266090
; GENERAL INFORMATION:
; APPLICANT: GOFF, STEPHEN
; APPLICANT: BONAN, CAROLINE
; APPLICANT: COLBERT, MICHELLE
; APPLICANT: WANG, RONG-LIN
; TITLE OF INVENTION: CEREAL TRINUCLEOTIDE SIMPLE SEQUENCE
; FILE REFERENCE: NAD11.058C1
; CURRENT APPLICATION NUMBER: US/10/266,090
; PRIOR FILING DATE: 2002-10-03
; PRIOR APPLICATION NUMBER: US 10/260,703
; PRIOR FILING DATE: 2002-09-26
; PRIOR APPLICATION NUMBER: US 60/326,117
; PRIOR FILING DATE: 2001-09-26
; NUMBER OF SEQ ID NOS: 51812
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 49719
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR PRIMER FOR SEQUENCE FROM ORYZA SATIVA
US-10-266-090-49719

Query Match 0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 2.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1057 GCCCAACCAAGCTTCA 1075
Db 1 GCACCAACCTAGCTTCA 19

RESULT 417

US-10-310-188-44817/c
; Sequence 44817, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 44817
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-44817

Query Match 0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 2.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1256 TCCCAACCCCTTCAGAA 1274
Db 19 TCCCAACCCCTTCAGCA 1

RESULT 418

US-10-313-211-72
; Sequence 72, Application US/10313211

; GENERAL INFORMATION:
; APPLICANT: Pihal, German
; TITLE OF INVENTION: TARGETED GENETIC RISK-STRATIFICATION
; FILE REFERENCE: 07917-158001
; CURRENT APPLICATION NUMBER: US/10/313,211
; CURRENT FILING DATE: 2002-12-06
; PRIOR APPLICATION NUMBER: US 60/338,442
; PRIOR FILING DATE: 2001-12-07
; PRIOR APPLICATION NUMBER: US 60/423,793
; PRIOR FILING DATE: 2002-11-05
; NUMBER OF SEQ ID NOS: 159
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 72
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human papillomavirus
US-10-313-211-72

Query Match 0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 2.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1002 GAAATCGACACCTGAAAA 1020
Db 2 GAAACCCACACCTGAAAA 20

RESULT 419

US-10-702-817-199/c
; Sequence 199, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 199
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-199

Query Match 0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 2.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 827 GCACGAGTTGTGCCTACC 845
Db 20 GTATGAAGTTGTGCCTACC 2

RESULT 420

US-10-702-817-201/c
; Sequence 201, Application US/10702817
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0797
; CURRENT APPLICATION NUMBER: US/10/702,817
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26

; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 09/695,451
; PRIOR FILING DATE: 2000-10-24
; NUMBER OF SEQ ID NOS: 247
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 201
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-201

Query Match 0.7%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 2.9e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 914 TTGGTCTTTGCTTTTATC 932
Db 19 TAGGTCTTGCTTCTATC 1

RESULT 421
US-09-715-849-573
; Sequence 573, Application US/09715849
; GENERAL INFORMATION:
; APPLICANT: Gargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Lander, Eric S.
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: 2825.2002-001
; CURRENT APPLICATION NUMBER: US/09/715,849
; CURRENT FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: US 60/167,334
; PRIOR FILING DATE: 1999-11-24
; NUMBER OF SEQ ID NOS: 589
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 573
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-715-849-573

Query Match 0.7%; Score 15.8; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 3.1e+02;
Matches 17; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1126 TCCACTTCACTCCAGCTCC 1146
Db 1 TCCAACTTCAYCTACAGCCCC 21

RESULT 422
US-10-736-227-8/c
; Sequence 8, Application US/10736227
; GENERAL INFORMATION:
; APPLICANT: Terrett, Jonathan A
; TITLE OF INVENTION: NOVEL CANCER ASSOCIATED PROTEIN
; FILE REFERENCE: 2543-1-033
; CURRENT APPLICATION NUMBER: US/10/736,227
; CURRENT FILING DATE: 2003-12-15
; PRIOR APPLICATION NUMBER: PCT/GB02/02782
; PRIOR FILING DATE: 2002-06-14
; PRIOR APPLICATION NUMBER: GB 0114643.0
; PRIOR FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: GB 0205264.5
; PRIOR FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 22
; TYPE: DNA

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-736-227-8

Query Match 0.7%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 3.2e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1179 GGCTCCCGCAGAGAGGTG 1197
Db 21 GGCTACCGCGAGAGGTG 3

RESULT 423
US-08-472-801-1491/c
; Sequence 1491, Application US/08472801
; GENERAL INFORMATION:
; APPLICANT: Hesse 2
; APPLICANT: Smith, Larry J.
; TITLE OF INVENTION: Method and Compositions for Cellular
; FILE REFERENCE: Hesse 2
; CURRENT APPLICATION NUMBER: US/08/472,801
; CURRENT FILING DATE: 1995-06-07
; NUMBER OF SEQ ID NOS: 3601
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1491
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-08-472-801-1491

Query Match 0.7%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 3.4e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1231 GCGACAGCCCTCGCTCGACC 1252
Db 22 GCACAGCCCTCGCTCGCCCC 1

RESULT 424
US-08-472-801-1736/c
; Sequence 1736, Application US/08472801
; GENERAL INFORMATION:
; APPLICANT: Hesse 2
; APPLICANT: Smith, Larry J.
; TITLE OF INVENTION: Method and Compositions for Cellular
; FILE REFERENCE: Hesse 2
; CURRENT APPLICATION NUMBER: US/08/472,801
; CURRENT FILING DATE: 1995-06-07
; NUMBER OF SEQ ID NOS: 3601
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1736
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-08-472-801-1736

Query Match 0.7%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 3.4e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1120 CCCAGTTCACCTTCACCTCCA 1141
Db 22 CCCACTTCTCTTCACCA 1

RESULT 425
US-08-668-235-1491/c
; Sequence 1491, Application US/08668235

```
; GENERAL INFORMATION:
; APPLICANT: Larry J. Smith
; TITLE OF INVENTION: Methods and Compositions for Cellular
; FILE REFERENCE: HES-1
; CURRENT APPLICATION NUMBER: US/08/668,235
; EARLIER FILING DATE: 1996-06-17
; EARLIER FILING DATE: 08/23/91
; EARLIER FILING DATE: 04/22/95
; EARLIER FILING DATE: 08/472,801
; NUMBER OF SEQ ID NOS: 3629
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1491
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-08-668-235-1491

Query Match      0.7%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 3.4e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1231 GCGACAGCCCTCGCCTCCGACC 1252
Db 22 GCAACAGCCTCGCCTCCGCCCC 1

RESULT 426
US-08-668-235-1736/c
; Sequence 1736, Application US/08668235
; GENERAL INFORMATION:
; APPLICANT: Larry J. Smith
; TITLE OF INVENTION: Methods and Compositions for Cellular
; FILE REFERENCE: HES-1
; CURRENT APPLICATION NUMBER: US/08/668,235
; EARLIER FILING DATE: 1996-06-17
; EARLIER FILING DATE: 08/23/91
; EARLIER FILING DATE: 04/22/95
; EARLIER FILING DATE: 08/472,801
; NUMBER OF SEQ ID NOS: 3629
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1736
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-08-668-235-1736

Query Match      0.7%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 3.4e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1120 CCGAGTTCACCTTCACCTCCA 1141
Db 22 CCGACTTGCTCTCCACCA 1

RESULT 427
US-09-922-449B-6
; Sequence 6, Application US/09922449B
; GENERAL INFORMATION:
; APPLICANT: Bioinside Gesellschaft fur Biodiagnostik, Auftragsforschung und Consulting
; APPLICANT: msh
; TITLE OF INVENTION: Test kit and method for quantitatively detecting genetically modified
; FILE REFERENCE: 101215-68
; CURRENT APPLICATION NUMBER: US/09/922,449B
```

```
; CURRENT FILING DATE: 2001-08-03
; PRIOR APPLICATION NUMBER: PCT/EP00/009835
; PRIOR FILING DATE: 2000-02-07
; PRIOR APPLICATION NUMBER: DE 199 06 169.6
; PRIOR FILING DATE: 1999-02-08
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-922-449B-6

Query Match      0.7%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 3.4e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1237 GCGCTCGCCTCGACCCCATCC 1258
Db 1 GCGCTCTACTCCACCCCATCC 22

RESULT 428
US-10-160-499-1491/c
; Sequence 1491, Application US/10160499
; GENERAL INFORMATION:
; APPLICANT: Larry J. Smith
; TITLE OF INVENTION: Methods and Compositions for Cellular
; FILE REFERENCE: HES-1
; CURRENT APPLICATION NUMBER: US/10/160,499
; CURRENT FILING DATE: 2002-06-03
; PRIOR APPLICATION NUMBER: US/08/668,235
; PRIOR FILING DATE: 1996-06-17
; PRIOR APPLICATION NUMBER: EARLIER FILING DATE: 08/23/91
; PRIOR FILING DATE: EARLIER FILING DATE: 08/23/91
; PRIOR FILING DATE: EARLIER FILING DATE: 04/22/95
; PRIOR FILING DATE: EARLIER FILING DATE: 08/472,801
; NUMBER OF SEQ ID NOS: 3629
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1491
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-160-499-1491

Query Match      0.7%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 3.4e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1231 GCGACAGCCCTCGCCTCCGACC 1252
Db 22 GCAACAGCCTCGCCTCCGCCCC 1

RESULT 429
US-10-160-499-1736/c
; Sequence 1736, Application US/10160499
; GENERAL INFORMATION:
; APPLICANT: Larry J. Smith
; TITLE OF INVENTION: Methods and Compositions for Cellular
; FILE REFERENCE: HES-1
; CURRENT APPLICATION NUMBER: US/10/160,499
; CURRENT FILING DATE: 2002-06-03
; PRIOR APPLICATION NUMBER: US/08/668,235
; PRIOR FILING DATE: 1996-06-17
; PRIOR APPLICATION NUMBER: EARLIER FILING DATE: 08/23/91
; PRIOR FILING DATE: EARLIER FILING DATE: 08/23/91
```

; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 08/426,781
; PRIOR FILING DATE: EARLIER FILING DATE: 04/22/95
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 08/472,801
; PRIOR FILING DATE: EARLIER FILING DATE: 06/07/95
; NUMBER OF SEQ ID NOS: 3629
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1736
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-160-499-1736

Query Match 0.7%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 3.4e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1120 CCCAGTTCACCTTCACCTCCA 1141
Db 22 CCCAGTTCCTCTCACCACCA 1

RESULT 430

US-10-310-188-78629/c

; Sequence 78629, Application US/10310188

; GENERAL INFORMATION:

; APPLICANT: RosettaGenomics

; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES

; TITLE OF INVENTION: USES THEREOF

; FILE REFERENCE: 47487

; CURRENT APPLICATION NUMBER: US/10/310,188

; CURRENT FILING DATE: 2002-12-19

; NUMBER OF SEQ ID NOS: 86841

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 78629

; LENGTH: 22

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-310-188-78629

Query Match 0.7%; Score 15.6; DB 1; Length 22;

Best Local Similarity 81.8%; Pred. No. 3.4e+02;

Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1247 CCGACCCCATCCCAACCCCT 1268

Db 22 CCACCCCAACCCCAACCCCT 1

RESULT 431

US-09-531-025A-213

; Sequence 213, Application US/09531025A

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Draper, Ken

; APPLICANT: Blatt, Larry

; APPLICANT: McSwiggen, Jim

; APPLICANT: Morrissey, Dave

; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication

; FILE REFERENCE: MBH00-845-E (247/277)

; CURRENT APPLICATION NUMBER: US/09/531,025A

; CURRENT FILING DATE: 2000-03-20

; PRIOR APPLICATION NUMBER: US 07/882,712

; PRIOR FILING DATE: 1992-05-14

; PRIOR APPLICATION NUMBER: US 08/193,627

; PRIOR FILING DATE: 1994-02-07

; PRIOR APPLICATION NUMBER: US 08/433,993

; PRIOR FILING DATE: 1995-05-04

; PRIOR APPLICATION NUMBER: US 08/434,504

; PRIOR FILING DATE: 1995-05-04

; PRIOR APPLICATION NUMBER: US 09/436,430

; PRIOR FILING DATE: 1999-11-08

; NUMBER OF SEQ ID NOS: 6341

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 213

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Hepatitis B virus

US-09-531-025A-213

Query Match 0.7%; Score 15.4; DB 1; Length 17;

Best Local Similarity 29.4%; Pred. No. 2.8e+02;

Matches 5; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

Qy 907 ATTTCCTTGCTCTTG 923

Db 1 AUUUUUUUUUUUUG 17

RESULT 432

US-09-636-385-213

; Sequence 213, Application US/09636385

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Draper, Kenneth

; APPLICANT: Blatt, Larry

; APPLICANT: McSwiggen, Jim

; APPLICANT: Morrissey, Dave

; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication

; FILE REFERENCE: MBH00-845-F (250/125)

; CURRENT APPLICATION NUMBER: US/09/636,385

; CURRENT FILING DATE: 2000-08-09

; PRIOR APPLICATION NUMBER: US 07/882,712

; PRIOR FILING DATE: 1992-05-14

; PRIOR APPLICATION NUMBER: US 09/531,025

; PRIOR FILING DATE: 2000-03-20

; PRIOR APPLICATION NUMBER: US 08/193,627

; PRIOR FILING DATE: 1994-02-07

; PRIOR APPLICATION NUMBER: US 09/436,430

; PRIOR FILING DATE: 1999-11-08

; NUMBER OF SEQ ID NOS: 6341

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 213

; LENGTH: 17

; TYPE: RNA

; ORGANISM: Hepatitis B Virus

US-09-636-385-213

Query Match 0.7%; Score 15.4; DB 1; Length 17;

Best Local Similarity 29.4%; Pred. No. 2.8e+02;

Matches 5; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

Qy 907 ATTTCCTTGCTCTTG 923

Db 1 AUUUUUUUUUUUUG 17

RESULT 433

US-09-685-664B-3066/c

; Sequence 3066, Application US/09685664B

; GENERAL INFORMATION:

; APPLICANT: Ribozyme Pharmaceuticals, Inc.

; APPLICANT: Pavco, Pam

; APPLICANT: McSwiggen, Jim

; APPLICANT: Stinchcomb, Dan

; APPLICANT: Escobedo, Jaime

; TITLE OF INVENTION: Method and Reagent for Treatment of Diseases or Conditions Relate

; FILE REFERENCE: MBH00-876-K (400/021)

; CURRENT APPLICATION NUMBER: US/09/685,664B

; CURRENT FILING DATE: 2000-10-10

; PRIOR APPLICATION NUMBER: US 60/005,974

; PRIOR FILING DATE: 1995-10-26

; PRIOR APPLICATION NUMBER: US 08/584,040

; PRIOR FILING DATE: 1996-01-08

; PRIOR APPLICATION NUMBER: US 09/371,772

; PRIOR FILING DATE: 1999-08-10

; NUMBER OF SEQ ID NOS: 8231
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 3066
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus musculus
US-09-685-664B-3066

Query Match 0.7%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 2.8e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 921 TTGCCTTTTATCCCTCC 937
| | | | | | | | | | | | | | | | | | | | |
Db 17 TTGCCTGTTATCCCTCC 1

RESULT 434

US-09-696-347-213
; Sequence 213, Application US/09696347
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Ken
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: 400/001
; CURRENT APPLICATION NUMBER: US/09/696,347
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6389
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 213
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B Virus
US-09-696-347-213

Query Match 0.7%; Score 15.4; DB 1; Length 17;
Best Local Similarity 29.4%; Pred. No. 2.8e+02;
Matches 5; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCCTTGTGCTCTTG 923
| :
Db 1 AOUUUCUUUGUCUUUG 17

RESULT 435

US-09-708-690-3066/c
; Sequence 3066, Application US/09708690
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to Hepatitis B Virus Replication
; FILE REFERENCE: MBH00, 876-L (400/002)

; CURRENT APPLICATION NUMBER: US/09/708,690
; CURRENT FILING DATE: 2001-08-31
; PRIOR APPLICATION NUMBER: US 60/005,974
; PRIOR FILING DATE: 1995-10-26
; PRIOR APPLICATION NUMBER: US 08/584,040
; PRIOR FILING DATE: 1996-01-08
; PRIOR APPLICATION NUMBER: US 09/371,772
; PRIOR FILING DATE: 1999-08-10
; PRIOR APPLICATION NUMBER: US 09/685,664
; PRIOR FILING DATE: 2000-10-10
; NUMBER OF SEQ ID NOS: 20828
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 3066
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus musculus
US-09-708-690-3066

Query Match 0.7%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 2.8e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 921 TTGCCTTTTATCCCTCC 937
| | | | | | | | | | | | | | | | | | | | |
Db 17 TTGCCTGTTATCCCTCC 1

RESULT 436

US-09-870-161-3066/c
; Sequence 3066, Application US/09870161
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-876-M (400/026)
; CURRENT APPLICATION NUMBER: US/09/870,161
; CURRENT FILING DATE: 2001-08-27
; NUMBER OF SEQ ID NOS: 20821
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 3066
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Mus musculus
US-09-870-161-3066

Query Match 0.7%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 2.8e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 921 TTGCCTTTTATCCCTCC 937
| | | | | | | | | | | | | | | | | | | | |
Db 17 TTGCCTGTTATCCCTCC 1

RESULT 437

US-09-877-478-213
; Sequence 213, Application US/09877478
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14

; TITLE OF INVENTION: Levels

```

1  APPLICANT: Morrillsey, Dave
2  TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
3  FILE REFERENCE: 400/075 (MBH900-845-I)
4  CURRENT APPLICATION NUMBER: US/10/342,902
5  CURRENT FILING DATE: 2003-01-15
6  PRIOR APPLICATION NUMBER: US 09/877,478
7  PRIOR FILING DATE: 2001-06-08
8  PRIOR APPLICATION NUMBER: US 09/531,025
9  PRIOR FILING DATE: 2000-03-20
10 PRIOR APPLICATION NUMBER: US 09/636,385
11 PRIOR FILING DATE: 2000-08-09
12 PRIOR APPLICATION NUMBER: US 09/696,347
13 PRIOR FILING DATE: 2000-10-24
14 PRIOR APPLICATION NUMBER: US 08/193,627

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1 PRIOR FILING DATE: 1994-02-07
2 PRIOR APPLICATION NUMBER: US 07/882,712
3 PRIOR FILING DATE: 1992-05-14
4 PRIOR APPLICATION NUMBER: US 09/436,430
5 PRIOR FILING DATE: 1999-11-08
6 NUMBER OF SEQ ID NOS: 8592
7 SOFTWARE: Patent in version 3.2
8 SEQ ID NO 213
9 LENGTH: 17
10 TYPE: RNA
11 ORGANISM: Hepatitis B virus
12 US-10-342-902-213

Query Match 0.7%; Score 15.4; DB 1; Length 17;
Best Local Similarity 29.4%; Pred. No. 2.8e+02;
Matches 5; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCCTTGGTCTTTG 923
|:::|:::|:::|:::|
Db 1 AUUUUUUUUGUCUUG 17

RESULT 442
US-10-669-841-213
1 GENERAL INFORMATION: Application US/10669841
2 APPLICANT: Sirna Therapeutics, Inc.
3 APPLICANT: Lawrence, Blatt
4 APPLICANT: Dennis, Macejak
5 APPLICANT: James, McSwiggen
6 APPLICANT: David, Morrissey
7 APPLICANT: Pamela, Pavco
8 APPLICANT: Patricia, Lee
9 APPLICANT: Kenneth, Draper
10 APPLICANT: Elisabeth, Roberts
11 TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEP
12 FILE REFERENCE: 400/042US (WEH02-249-E)
13 CURRENT APPLICATION NUMBER: US/10/669,841
14 PRIOR FILING DATE: 2003-09-23
15 PRIOR APPLICATION NUMBER: PCT/US02/09187
16 PRIOR FILING DATE: 2002-03-26
17 PRIOR APPLICATION NUMBER: US 60/296,876
18 PRIOR FILING DATE: 2001-06-08
19 PRIOR APPLICATION NUMBER: US 60/335,059
20 PRIOR FILING DATE: 2001-10-24
21 PRIOR APPLICATION NUMBER: US 60/337,055
22 PRIOR FILING DATE: 2001-12-05
23 PRIOR APPLICATION NUMBER: US 60/358,580
24 PRIOR FILING DATE: 2002-02-20
25 PRIOR APPLICATION NUMBER: US 60/363,124
26 PRIOR FILING DATE: 2002-03-11
27 PRIOR APPLICATION NUMBER: US 09/817,879
28 PRIOR FILING DATE: 2001-03-26
29 PRIOR APPLICATION NUMBER: US 09/740,332
30 PRIOR FILING DATE: 2000-12-18
31 PRIOR APPLICATION NUMBER: US 09/611,931
32 PRIOR FILING DATE: 2000-07-07
33 PRIOR APPLICATION NUMBER: US 09/504,321
34 PRIOR FILING DATE: 2000-02-15
35 Remaining Prior Application data removed - See File Wrapper or PALM.
36 NUMBER OF SEQ ID NOS: 16207
37 SOFTWARE: Patent in version 3.0
38 SEQ ID NO 213
39 LENGTH: 17
40 TYPE: RNA
41 ORGANISM: Hepatitis B virus
42 US-10-669-841-213

Query Match 0.7%; Score 15.4; DB 1; Length 17;
Best Local Similarity 29.4%; Pred. No. 2.8e+02;
Matches 5; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCCTTGGTCTTTG 923
|:::|:::|:::|:::|
Db 1 AUUUUUUUUGUCUUG 17

RESULT 443
US-08-485-943A-45/c
1 Sequence 45, Application US/08485943A
2 GENERAL INFORMATION:
3 APPLICANT: THE ROCKEFELLER UNIVERSITY
4 TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING NUCLEIC ACIDS AND I
5 NUMBER OF SEQUENCES: 98
6 CORRESPONDENCE ADDRESS:
7 ADDRESSEE: Klauber & Jackson
8 STREET: 411 Hackensack Avenue
9 CITY: Hackensack
10 STATE: New Jersey
11 COUNTRY: USA
12 ZIP: 07601
13 COMPUTER READABLE FORM:
14 MEDIUM TYPE: Floppy disk
15 COMPUTER: IBM PC compatible
16 OPERATING SYSTEM: PC-DOS/MS-DOS
17 SOFTWARE: Patent in Release #1.0, Version #1.25
18 CURRENT APPLICATION DATA:
19 APPLICATION NUMBER: US/08/485,943A
20 FILING DATE: June 7, 1995
21 CLASSIFICATION: 514
22 PRIOR APPLICATION DATA:
23 APPLICATION NUMBER: 08/438,431
24 FILING DATE: May 10, 1995
25 CLASSIFICATION: 514
26 PRIOR APPLICATION DATA:
27 APPLICATION NUMBER: 08/292,345
28 FILING DATE: August 17, 1994
29 CLASSIFICATION: 514
30 ATTORNEY/AGENT INFORMATION:
31 NAME: Jackson Esq., David A.
32 REGISTRATION NUMBER: 26,742
33 REFERENCE/DOCKET NUMBER: 600-1-087 CIP21
34 TELECOMMUNICATION INFORMATION:
35 TELEPHONE: 201 487-5800
36 TELEFAX: 201 343-1684
37 TELEX: 133521
38 INFORMATION FOR SEQ ID NO: 45:
39 SEQUENCE CHARACTERISTICS:
40 LENGTH: 18 base pairs
41 TYPE: nucleic acid
42 STRANDEDNESS: single
43 TOPOLOGY: linear
44 MOLECULE TYPE: DNA (primer)
45 DESCRIPTION: sequence tagged-site specific PCR primer SWS2359
46 HYPOTHETICAL: NO
47 ANTI-SENSE: NO
48 ORGANISM: Human
49 US-08-485-943A-45

Query Match 0.7%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 730 CAGGAGAAACAGAACAC 746
|:::|:::|:::|:::|
Db 18 CAGGAGAAACAGAACAC 2

RESULT 444
US-08-488-215A-45/c

```
; Sequence 45, Application US/08488215A
; GENERAL INFORMATION:
; APPLICANT: JEFFREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA, MARGHERITA MAFFEI,
; TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING NUCLEIC ACIDS AND PR
; NUMBER OF SEQUENCES: 99
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/488,215A
; FILING DATE: JUNE 7, 1995
; CLASSIFICATION: 530
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/292,345
; FILING DATE: August 17, 1994
; CLASSIFICATION: 530
; NAME: Jackson Esq., David A.
; ATTORNEY/AGENT INFORMATION:
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 600-1-087 CIP 2C
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201 487-5800
; TELEFAX: 201 343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (primer)
; DESCRIPTION: sequence tagged-site specific PCR primer sWSS2359
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Human
; US-08-488-215A-45

Query Match 0.7%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 730 CAGGAGAACAGAACAC 746
Db 18 CAGGAGAACACACAC 2

RESULT 445
US-08-488-224A-45/c
; Sequence 45, Application US/08488224A
; GENERAL INFORMATION:
; APPLICANT: THE ROCKFELLER UNIVERSITY
; TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING
; TITLE OF INVENTION: NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC
; NUMBER OF SEQUENCES: 98
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
```

```
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/488,224A
; FILING DATE: 07-JUN-1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/485,943
; FILING DATE: June 7, 1995
; APPLICATION NUMBER: 08/438,431
; FILING DATE: May 10, 1995
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/347,563
; FILING DATE: November 30, 1994
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/292,345
; FILING DATE: August 17, 1994
; CLASSIFICATION: 514
; ATTORNEY/AGENT INFORMATION:
; NAME: Jackson Esq., David A.
; REGISTRATION NUMBER: 26,742
; REFERENCE/DOCKET NUMBER: 600-1-087 CIP21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 201 487-5800
; TELEFAX: 201 343-1684
; TELEX: 133521
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (primer)
; DESCRIPTION: sequence tagged-site specific PCR primer sWSS2359
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Human
; US-08-488-224A-45

Query Match 0.7%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 730 CAGGAGAACAGAACAC 746
Db 18 CAGGAGAACACACAC 2

RESULT 446
US-09-347-068-45/c
; Sequence 45, Application US/09347068
; GENERAL INFORMATION:
; APPLICANT: JEFFREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA,
; APPLICANT: MARGHERITA MAFFEI, JEFFREY HALAAS, KETAN GAJIWALA, AND STEPHEN K. BUE
; TITLE OF INVENTION: OB POLYPEPTIDE ANTIBODIES AND METHOD OF MAKING
; TITLE OF INVENTION: (AS AMENDED)
; NUMBER OF SEQUENCES: 99
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Klauber & Jackson
; STREET: 411 Hackensack Avenue
; CITY: Hackensack
; STATE: New Jersey
; COUNTRY: USA
; ZIP: 07601
```


COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/347,068
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/488,214
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/347,563
FILING DATE: November 30, 1994
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/292,345
FILING DATE: August 17, 1994
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-087 CIP 2D
TELEPHONE: 201 487-5800
TELEFAX: 201 343-1684
TELEX: 133521
INFORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (primer)
DESCRIPTION: sequence tagged-site specific PCR primer sWSS2359
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Human
US-09-347-068-45

Query Match 0.7%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 3e+02; Mismatches 0; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 730 CAGGAGAAACAGAACAC 746
|||||
Db 18 CAGGAGAAACAGAACAC 2

RESULT 447
US-09-635-864-45/c
Sequence 45, Application US/09635864
GENERAL INFORMATION:
APPLICANT: JEFFREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA, MARGHERITA MAFFEI,
TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING NUCLEIC ACIDS AND PR
NUMBER OF SEQUENCES: 99
CORRESPONDENCE ADDRESS:
ADDRESSEE: Klauber & Jackson
STREET: 411 Hackensack Avenue
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/635,864

FILING DATE: August 10, 2000
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/438,431
FILING DATE: May 10, 1995
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/347,563
FILING DATE: November 30, 1994
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/292,345
FILING DATE: August 17, 1994
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-087 CIP1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201 487-5800
TELEFAX: 201 343-1684
TELEX: 133521
INFORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (primer)
DESCRIPTION: sequence tagged-site specific PCR primer sWSS2359
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Human
US-09-635-864-45

Query Match 0.7%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 3e+02; Mismatches 0; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 730 CAGGAGAAACAGAACAC 746
|||||
Db 18 CAGGAGAAACAGAACAC 2

RESULT 448
US-09-736-084-45/c
Sequence 45, Application US/09736084
GENERAL INFORMATION:
APPLICANT: THE ROCKEFELLER UNIVERSITY
TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING
NUMBER OF SEQUENCES: 98
CORRESPONDENCE ADDRESS:
ADDRESSEE: Klauber & Jackson
STREET: 411 Hackensack Avenue
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent in Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/736,084
FILING DATE: 13-Dec-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/438,431
FILING DATE: May 10, 1995
APPLICATION NUMBER: 08/347,563

FILING DATE: November 30, 1994
APPLICATION NUMBER: 08/292,345
FILING DATE: August 17, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-087 CIP21
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201 487-5800
TELEFAX: 201 343-1684
TELEX: 133521
INFORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (primer)
DESCRIPTION: sequence tagged-site specific PCR primer
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORGANISM: Human
SEQUENCE DESCRIPTION: SEQ ID NO: 45:
US-09-736-084A-45

Query Match 0.7%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 730 CAGGAGAAACAGACAC 746
|||||
DB 18 CAGGAGAAACAGACAC 2

RESULT 449

US-09-736-084A-45/c
Sequence 45, Application US/09736084A
GENERAL INFORMATION:
APPLICANT: JEFFREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA,
MARGHERITA MAFFEI, JEFFREY HALAAS, KETAN GAJIWALA, AND STEPHEN K. BU
TITLE OF INVENTION: OB POLYPEPTIDE ANTIBODIES AND METHOD OF MAKING
(AS AMENDED)
NUMBER OF SEQUENCES: 102
CORRESPONDENCE ADDRESS:
ADDRESSEE: Klauber & Jackson
STREET: 411 Hackensack Avenue
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/736,084A
FILING DATE: 13-Dec-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/438,431
FILING DATE: May 10, 1995
APPLICATION NUMBER: 08/347,563
FILING DATE: November 30, 1994
APPLICATION NUMBER: 08/292,345
FILING DATE: August 17, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-087 CIP 2D
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201 487-5800

TELEFAX: 201 343-1684
TELEX: 133521
INFORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (primer)
DESCRIPTION: sequence tagged-site specific PCR primer
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORGANISM: Human
SEQUENCE DESCRIPTION: SEQ ID NO: 45:
US-09-736-084A-45

Query Match 0.7%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 730 CAGGAGAAACAGACAC 746
|||||
DB 18 CAGGAGAAACAGACAC 2

RESULT 450

US-10-303-778-7620
Sequence 7620, Application US/10303778
GENERAL INFORMATION:
APPLICANT: RosettaGenomics
TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL
FILE REFERENCE: 47416
CURRENT APPLICATION NUMBER: US/10/303,778
CURRENT FILING DATE: 2002-11-26
NUMBER OF SEQ ID NOS: 17608
SOFTWARE: Patent In version 3.1
SEQ ID NO: 7620
LENGTH: 18
TYPE: DNA
ORGANISM: Homo sapiens
US-10-303-778-7620

Query Match 0.7%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 898 CCCCTGGTCATTTCCT 914
|||||
DB 1 CTCCTGGTCATTTCCT 17

RESULT 451

US-10-730-488-45/c
Sequence 45, Application US/10730488
GENERAL INFORMATION:
APPLICANT: JEFFREY M. FRIEDMAN, YIYING ZHANG, RICARDO PROENCA,
MARGHERITA MAFFEI, JEFFREY HALAAS, KETAN GAJIWALA, AND
STEPHEN K. BURLEY
TITLE OF INVENTION: OB POLYPEPTIDE ANTIBODIES AND METHOD OF MAKING
(AS AMENDED)
NUMBER OF SEQUENCES: 102
CORRESPONDENCE ADDRESS:
ADDRESSEE: Klauber & Jackson
STREET: 411 Hackensack Avenue
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible

```
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
  APPLICATION NUMBER: US/10/730,488
  FILING DATE: 08-Dec-2003
  CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
  APPLICATION NUMBER: US/09/736,084
  FILING DATE: 13-Dec-2000
  APPLICATION NUMBER: 08/438,431
  FILING DATE: May 10, 1995
  APPLICATION NUMBER: 08/347,563
  FILING DATE: November 30, 1994
  APPLICATION NUMBER: 08/292,345
  FILING DATE: August 17, 1994
ATTORNEY/AGENT INFORMATION:
  NAME: Jackson Esq., David A.
  REGISTRATION NUMBER: 26,742
  REFERENCE/DOCKET NUMBER: 600-1-087 CIP 2D
TELECOMMUNICATION INFORMATION:
  TELEPHONE: 201 487-5800
  TELEFAX: 201 343-1684
  TELEX: 133521
INFORMATION FOR SEQ ID NO: 45:
  SEQUENCE CHARACTERISTICS:
    LENGTH: 18 base pairs
    TYPE: nucleic acid
    STRANDEDNESS: single
    TOPOLOGY: linear
  MOLECULE TYPE: DNA (primer)
  DESCRIPTION: sequence tagged-site specific PCR primer sWSS2359
  HYPOTHETICAL: NO
  ANTI-SENSE: NO
  ORIGINAL SOURCE:
    ORGANISM: Human
  SEQUENCE DESCRIPTION: SEQ ID NO: 45:
US-10-730-488-45

Query Match          0.7%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 730 CAGGAGAAACAGACAC 746
Db 18 CAGGAGAAACACACAC 2

RESULT 452
US-09-453-607A-3264/c
; Sequence 3264, Application US/09453607A
; GENERAL INFORMATION:
; APPLICANT: Immusol, Inc. et al.
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT AND/OR PREVENTION OF RESTENOSIS
; FILE REFERENCE: 480124.406
; CURRENT APPLICATION NUMBER: US/09/453,607A
; CURRENT FILING DATE: 1999-12-06
; NUMBER OF SEQ ID NOS: 4388
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3264
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin B1 ribozyme binding site
US-09-453-607A-3264

Query Match          0.7%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 3.1e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 732 GGAGAAACAGACACCG 748
Db 19 GGAGAAACAGACACCG 3

RESULT 455
US-10-244-647-572
; Sequence 572, Application US/10244647
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; FILE REFERENCE: 400/060 (MBH02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
```

```
RESULT 453
US-09-453-607C-3264/c
; Sequence 3264, Application US/09453607C
; GENERAL INFORMATION:
; APPLICANT: Immusol, Inc. et al.
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT AND/OR PREVENTION OF RESTENOSIS
; FILE REFERENCE: 480124.406
; CURRENT APPLICATION NUMBER: US/09/453,607C
; CURRENT FILING DATE: 1999-12-07
; NUMBER OF SEQ ID NOS: 4389
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3264
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin B1 ribozyme binding site
US-09-453-607C-3264
```

```
Query Match          0.7%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 3.1e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 732 GGAGAAACAGACACCG 748
Db 19 GGAGAAACAGACACCG 3
```

```
RESULT 454
US-09-696-791-3264/c
; Sequence 3264, Application US/09696791
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE DISEASES
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3264
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin B1 ribozyme binding site
US-09-696-791-3264
```

```
Query Match          0.7%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 3.1e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 732 GGAGAAACAGACACCG 748
Db 19 GGAGAAACAGACACCG 3
```

; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 572
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense 1
US-10-244-647-572

Query Match 0.7%; Score 15.4; DB 1; Length 19;
Best Local Similarity 29.4%; Pred. No. 3.1e+02;
Matches 5; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTGGTCTTTG 923
|:::|::: |:::|
Db 1 AUUUUUUUUGUCUUUG 17

RESULT 456
US-10-244-647-642
; Sequence 642, Application US/10244647
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/060 (MEHB02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 642
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense 2
US-10-244-647-642

Query Match 0.7%; Score 15.4; DB 1; Length 19;
Best Local Similarity 29.4%; Pred. No. 3.1e+02;
Matches 5; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTGGTCTTTG 923
|:::|::: |:::|
Db 2 AUUUUUUUUGUCUUUG 18

RESULT 457
US-10-244-647-645
; Sequence 645, Application US/10244647
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.

; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/060 (MEHB02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 645
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense
US-10-244-647-645

Query Match 0.7%; Score 15.4; DB 1; Length 19;
Best Local Similarity 29.4%; Pred. No. 3.1e+02;
Matches 5; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTGGTCTTTG 923
|:::|::: |:::|
Db 3 AUUUUUUUUGUCUUUG 19

RESULT 458
US-10-244-647-1218/c
; Sequence 1218, Application US/10244647
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/060 (MEHB02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1218
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-244-647-1218

Query Match 0.7%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 3.1e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTGGTCTTTG 923
|:::|::: |:::|
Db 19 ATTTCTTTGGTCTTTG 3

RESULT 459
US-10-244-647-1288/c
; Sequence 1288, Application US/10244647
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/060 (MHB02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1288
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-244-647-1288

Query Match 0.7%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 3.1e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCCTTTGGTCTTTG 923
|||||
Db 18 ATTTCCTTTGGTCTTTG 2

RESULT 460
US-10-244-647-1291/c
; Sequence 1291, Application US/10244647
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; TITLE OF INVENTION: Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/060 (MHB02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1291
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-244-647-1291

Query, Match 0.7%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 3.1e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCCTTTGGTCTTTG 923
|||||
Db 17 ATTTCCTTTGGTCTTTG 1

RESULT 461
US-10-310-188-26651
; Sequence 26651, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GI
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 26651
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-310-188-26651

Query Match 0.7%; Score 15.4; DB 1; Length 19;
Best Local Similarity 94.1%; Pred. No. 3.1e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1126 TCCACCTTCACCTCCAG 1142
|||||
Db 3 TCCACCTTCACCTCCAG 19

RESULT 462
US-07-954-185A-37/c
; Sequence 37, Application US/07954185A
; GENERAL INFORMATION:
; APPLICANT: Ronnie C. Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; TITLE OF INVENTION: Sequence
; NUMBER OF SEQUENCES: 122
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn
; ADDRESSEE: Kurtz Mackiewicz & Norris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/954,185A
; FILING DATE: 19920929
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0704
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:

```

; LENGTH: 20
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
US-07-954-185A-37

Query Match
Best Local Similarity 0.7%; Score 15.4; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1250 ACCCATCCCAACCCC 1266
Db 19 ACCCAACCCCAACCCC 3

RESULT 463
US-07-954-185A-45/c
; Sequence 45, Application US/07954185A
; GENERAL INFORMATION:
; APPLICANT: Ronnie C. Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; NUMBER OF SEQUENCES: 122
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/954,185A
; FILING DATE: 19920929
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0704
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 114:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
US-07-954-185A-114

Query Match
Best Local Similarity 0.7%; Score 15.4; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1250 ACCCATCCCAACCCC 1266
Db 19 ACCCAACCCCAACCCC 3

RESULT 465
US-07-954-185A-118/c
; Sequence 118, Application US/07954185A
; GENERAL INFORMATION:
; APPLICANT: Ronnie C. Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; NUMBER OF SEQUENCES: 122
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/954,185A
; FILING DATE: 19920929
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0704
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
US-07-954-185A-45

Query Match
Best Local Similarity 0.7%; Score 15.4; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1250 ACCCATCCCAACCCC 1266
Db 19 ACCCAACCCCAACCCC 3

RESULT 464
US-07-954-185A-114/c
; Sequence 114, Application US/07954185A
; GENERAL INFORMATION:
; APPLICANT: Ronnie C. Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
```

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; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0704
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 118:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-07-954-185A-118

Query Match 0.7%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1250 ACCCATCCCAACCCC 1266
Db 19 ACCCAACCCCAACCCC 3

RESULT 466
US-09-299-058-37/c
; Sequence 37, Application US/09299058
; GENERAL INFORMATION:
; APPLICANT: Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; SEQUENCE
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & Norris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/299,058
; FILING DATE: 23-Apr-1999
; CLASSIFICATION: N/A
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/403,888
; FILING DATE: 12-JUNE-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/299,058
; FILING DATE: 23-Apr-1999
; CLASSIFICATION: N/A
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/403,888
; FILING DATE: 12-JUNE-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 37:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-299-058-37

Query Match 0.7%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1250 ACCCATCCCAACCCC 1266
```

```
Db 19 ACCCAACCCCAACCCC 3

RESULT 467
US-09-299-058-45/c
; Sequence 45, Application US/09299058
; GENERAL INFORMATION:
; APPLICANT: Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; SEQUENCE
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & Norris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/299,058
; FILING DATE: 23-Apr-1999
; CLASSIFICATION: N/A
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/403,888
; FILING DATE: 12-JUNE-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 45:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 45:
US-09-299-058-45

Query Match 0.7%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1250 ACCCATCCCAACCCC 1266
Db 19 ACCCAACCCCAACCCC 3

RESULT 468
US-09-299-058-114/c
; Sequence 114, Application US/09299058
; GENERAL INFORMATION:
; APPLICANT: Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; SEQUENCE
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & Norris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
```

```
;
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/299,058
; FILING DATE: 23-Apr-1999
; CLASSIFICATION: N/A
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/403,888
; FILING DATE: 12-JUNE-1995
;
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
;
; INFORMATION FOR SEQ ID NO: 114:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; SEQUENCE DESCRIPTION: SEQ ID NO: 114:
US-09-299-058-114

Query Match 0.7%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1250 ACCCATCCCCCAACCC 1266
Db 19 ACCCAACCCCAACCC 3

RESULT 469
US-09-299-058-118/c
; Sequence 118, Application US/09299058
; GENERAL INFORMATION:
; APPLICANT: Hanecek et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & Norris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
;
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
;
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/299,058
; FILING DATE: 23-Apr-1999
; CLASSIFICATION: N/A
;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/403,888
; FILING DATE: 12-JUNE-1995
;
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
;
; INFORMATION FOR SEQ ID NO: 118:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
; SEQUENCE DESCRIPTION: SEQ ID NO: 118:
US-09-299-058-118

Query Match 0.7%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1250 ACCCATCCCCCAACCC 1266
Db 19 ACCCAACCCCAACCC 3

RESULT 470
US-09-612-558A-44/c
; Sequence 44, Application US/09612558A
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; APPLICANT: VAN GEYT, CAROLINE
; APPLICANT: MAERTENS, GEERT
; TITLE OF INVENTION: DETECTION OF ANTI-HEPATITIS B DRUG RESISTANCE
; FILE REFERENCE: 2551-45
; CURRENT APPLICATION NUMBER: US/09/612,558A
; CURRENT FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 60/143,546
; PRIOR FILING DATE: 1999-07-13
; PRIOR APPLICATION NUMBER: EP 99870148.6
; PRIOR FILING DATE: 1999-07-08
; NUMBER OF SEQ ID NOS: 109
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Hepatitis B virus
;
; US-09-612-558A-44

Query Match 0.7%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTTGTCCTTG 923
Db 17 ATTTCTTTTGTCCTTG 1

RESULT 471
US-09-612-558B-44/c
; Sequence 44, Application US/09612558B
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; APPLICANT: VAN GEYT, CAROLINE
; APPLICANT: MAERTENS, GEERT
; TITLE OF INVENTION: DETECTION OF ANTI-HEPATITIS B DRUG RESISTANCE
; FILE REFERENCE: 2551-45
; CURRENT APPLICATION NUMBER: US/09/612,558B
; CURRENT FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 60/143,546
; PRIOR FILING DATE: 1999-07-13
; PRIOR APPLICATION NUMBER: EP 99870148.6
; PRIOR FILING DATE: 1999-07-08
; NUMBER OF SEQ ID NOS: 109
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Hepatitis B virus
;
; US-09-612-558B-44

Query Match 0.7%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```


QY 907 ATTTCTTTGCTCTTG 923
DB 17 ATTTCTTTGCTCTTG 1

RESULT 472
US-09-612-558C-44/c
; Sequence 44, Application US/09612558C
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; APPLICANT: VAN GEYT, CAROLINE
; APPLICANT: MAERTENS, GERT
; TITLE OF INVENTION: DETECTION OF ANTI-HEPATITIS B DRUG RESISTANCE
; FILE REFERENCE: 2551-45
; CURRENT APPLICATION NUMBER: US/09/612,558C
; CURRENT FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 60/143,546
; PRIOR FILING DATE: 1999-07-13
; PRIOR APPLICATION NUMBER: EP 99870148.6
; PRIOR FILING DATE: 1999-07-08
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Hepatitis B virus
US-09-612-558C-44

Query Match 0.7%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTGCTCTTG 923
DB 17 ATTTCTTTGCTCTTG 1

RESULT 473
US-10-266-090-43965
; Sequence 43965, Application US/10266090
; GENERAL INFORMATION:
; APPLICANT: GOFF, STEPHEN
; APPLICANT: BONAN, CAROLINE
; APPLICANT: COLBERT, MICHELLE
; APPLICANT: WANG, RONG-LIN
; TITLE OF INVENTION: CEREAL TRINUCLEOTIDE SIMPLE SEQUENCE
; FILE REFERENCE: NAD11.058C1
; CURRENT APPLICATION NUMBER: US/10/266,090
; CURRENT FILING DATE: 2002-10-03
; PRIOR APPLICATION NUMBER: US 10/260,703
; PRIOR FILING DATE: 2002-09-26
; PRIOR APPLICATION NUMBER: US 60/326,117
; PRIOR FILING DATE: 2001-09-26
; NUMBER OF SEQ ID NOS: 51812
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 43965
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR PRIMER FOR SEQUENCE FROM ORYZA SATIVA
US-10-266-090-43965

Query Match 0.7%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1069 AGCTTCAGTCCCACTCC 1085
DB 4 AGCTTCAGTCCCACTCC 20

RESULT 474
US-10-640-274-4
; Sequence 4, Application US/10640274
; GENERAL INFORMATION:
; APPLICANT: KLIPPEL-GIESE, Anke
; APPLICANT: KAUFMANN, Joerg
; TITLE OF INVENTION: Further Use of Protein Kinase N Beta
; FILE REFERENCE: 39078-0006
; CURRENT APPLICATION NUMBER: US/10/640,274
; CURRENT FILING DATE: 2003-08-14
; PRIOR APPLICATION NUMBER: US/60,409,570
; PRIOR FILING DATE: 09-11-2002
; PRIOR APPLICATION NUMBER: EP 02018572.4
; PRIOR FILING DATE: 08-14-2002
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (1)..(6)
; OTHER INFORMATION: RNA
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (7)..(15)
; OTHER INFORMATION: DNA linked through phosphorothioate linkages
; NAME/KEY: misc_feature
; LOCATION: (16)..(21)
; OTHER INFORMATION: RNA
US-10-640-274-4

Query Match 0.7%; Score 15.4; DB 1; Length 21;
Best Local Similarity 76.5%; Pred. No. 3.5e+02;
Matches 13; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 1132 TTCACCTCCAGCTCCAC 1148
DB 4 UUCACCTTCAGCUCCAC 20

RESULT 475
US-10-751-736-49989/c
; Sequence 49989, Application US/10751736
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 49989
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI
US-10-751-736-49989

Query Match 0.7%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 3.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 982 CTCTACTCCATTGTTG 998


```
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human ACS-1 antisense
PCT-US03-25389-791

Query Match      0.7%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 727 TGCCAGGAGAAACAGAACAC 746
Db 20 TGCTAGAGAAACAGAACAC 1
|||||
RESULT 481
PCT-US03-25389-1284/c
; Sequence 1284, Application PC/TUS0325389
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corporation
; TITLE OF INVENTION: Antisense Modulation Of Acyl-CoA Synthetase 1 Expression
; FILE REFERENCE: 01294/1/PCT
; CURRENT APPLICATION NUMBER: PCT/US03/25389
; PRIOR FILING DATE: 2003-08-14
; PRIOR APPLICATION NUMBER: 60/403,591
; PRIOR FILING DATE: 2002-08-14
; NUMBER OF SEQ ID NOS: 3624
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1284
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human ACS-1 antisense
PCT-US03-25389-1284

Query Match      0.7%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 729 CCAGGAGAAACAGAACACCG 748
Db 20 CTAGAGGAAACAGAACACCG 1
|||||
RESULT 482
PCT-US03-25389-1375/c
; Sequence 1375, Application PC/TUS0325389
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corporation
; TITLE OF INVENTION: Antisense Modulation Of Acyl-CoA Synthetase 1 Expression
; FILE REFERENCE: 01294/1/PCT
; CURRENT APPLICATION NUMBER: PCT/US03/25389
; PRIOR FILING DATE: 2003-08-14
; PRIOR APPLICATION NUMBER: 60/403,591
; PRIOR FILING DATE: 2002-08-14
; NUMBER OF SEQ ID NOS: 3624
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1375
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human ACS-1 antisense
PCT-US03-25389-1375

Query Match      0.7%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 728 GCCAGGAGAAACAGAACACC 747
Db 20 GCTAGAGAAACAGAACACC 1
|||||
RESULT 483
US-09-514-000-11480/c
; Sequence 11480, Application US/09514000
; GENERAL INFORMATION:
; APPLICANT: Hinkle, Gregory J.
; APPLICANT: Slater, Steven C.
; TITLE OF INVENTION: Agrobacterium tumefaciens Genome Sequences and Uses Thereof
; FILE REFERENCE: 38-10(15490)B
; CURRENT APPLICATION NUMBER: US/09/514,000
; CURRENT FILING DATE: 2000-02-23
; NUMBER OF SEQ ID NOS: 15034
; SEQ ID NO 11480
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Agrobacterium tumefaciens
US-09-514-000-11480

Query Match      0.7%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1100 CCCTGGGCTTCAGTCCCGTG 1119
Db 20 CCCTAGGCTTCAGTCCCGTG 1
|||||
RESULT 484
US-09-719-737-4
; Sequence 4, Application US/09719737
; GENERAL INFORMATION:
; APPLICANT: RENZI, Paolo
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES FOR TREATING
; TITLE OF INVENTION: OR PREVENTING ATOPIC DISEASES AND NEOPLASTIC CELL
; FILE REFERENCE: 13424-1PCT
; CURRENT APPLICATION NUMBER: US/09/719,737
; CURRENT FILING DATE: 2001-01-29
; PRIOR APPLICATION NUMBER: CA2235420
; PRIOR FILING DATE: 1998-06-17
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide inhibiting the common
; OTHER INFORMATION: subunit of IL-4 and IL-13 human receptor
US-09-719-737-4

Query Match      0.7%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1287 CGCCACAGCCACAGAGCC 1306
Db 1 CGCCACAGCCACAGAGCC 20
|||||
RESULT 485
US-10-300-263-69/c
; Sequence 69, Application US/10300263
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF HIP-1 PROTEIN INTERACTOR EXPRESSION
; FILE REFERENCE: RTS-0431
; CURRENT APPLICATION NUMBER: US/10/300,263
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 154
; SEQ ID NO 69
```

```
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-300-263-69

Query Match          0.7%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 761 ATGCAGGTTCTTCTTAAGA 780
Db 20 AGGCAGGATCTTTCAGA 1

RESULT 486
US-10-300-263-135
; Sequence 135, Application US/10300263
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Doble
; TITLE OF INVENTION: MODULATION OF HIP-1 PROTEIN INTERACTOR EXPRESSION
; FILE REFERENCE: RTS-0431
; CURRENT APPLICATION NUMBER: US/10/300,263
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 154
; SEQ ID NO 135
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-300-263-135

Query Match          0.7%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 761 ATGCAGGTTCTTCTTAAGA 780
Db 1 AGGCAGGATCTTTCAGA 20

RESULT 487
US-10-310-188-64026/c
; Sequence 64026, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: Rosettagemonics
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 64026
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-64026

Query Match          0.7%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1247 CCGACCCCATCCCAACCC 1266
Db 20 CCGAAACCATCCCAACCC 1

RESULT 488
US-10-467-665-10
; Sequence 10, Application US/10467665
; GENERAL INFORMATION:
; APPLICANT: BARENDSE, William J.
; TITLE OF INVENTION: DNA MARKERS FOR MEAT TENDERNESS
; FILE REFERENCE: Q76795
; CURRENT APPLICATION NUMBER: US/10/467,665
; CURRENT FILING DATE: 2003-08-11
; PRIOR APPLICATION NUMBER: AUS PR2975
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: PCT/AU02/00122
; PRIOR FILING DATE: 2002-02-08
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 10
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Lox K6 probe
US-10-467-665-10

Query Match          0.7%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 875 ACTCAGGCACCACTGCTG 894
Db 1 ACTCAGGCACCACTGCTG 20

RESULT 489
US-10-482-949-4
; Sequence 4, Application US/10482949
; GENERAL INFORMATION:
; APPLICANT: TOPIGEN PHARMACEUTIQUE INC.
; TITLE OF INVENTION: METHODS FOR INCREASING IN VIVO EFFICACY OF OLIGONUCLEOTIDES AND
; FILE REFERENCE: 009558-0002
; CURRENT APPLICATION NUMBER: US/10/482,949
; CURRENT FILING DATE: 2001-01-06
; PRIOR APPLICATION NUMBER: U.S. 60/303,071
; PRIOR FILING DATE: 2001-07-06
; NUMBER OF SEQ ID NOS: 30
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Sequence is completely synthesized
US-10-482-949-4

Query Match          0.7%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 3.6e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1287 CGCCCAAGCCACAGAGCC 1306
Db 1 CGCCCAAGCCCGCAGAGCC 20

RESULT 490
PCT-US01-44838-1261/c
; Sequence 1261, Application PC/TUS0144838
; GENERAL INFORMATION:
; APPLICANT: Guida, Marco
; APPLICANT: Hall, Jeff
; TITLE OF INVENTION: Genetic Typing of Human Genes And Related Materials And Methods
; FILE REFERENCE: 4389-23-PCT
; CURRENT APPLICATION NUMBER: PCT/US01/44838
; CURRENT FILING DATE: 2001-11-28
; NUMBER OF SEQ ID NOS: 1449
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1261
; LENGTH: 21
```

; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US01-44838-1261

Query Match 0.7%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1235 CAGCCCTCGCTCGACCCC 1254
|||||
Db 20 CAGCCCTCTCTCAGACCCC 1

RESULT 491

US-09-724-389-1261/c
; Sequence 1261, Application US/09724389

; GENERAL INFORMATION:
; APPLICANT: Guida, Marco

; APPLICANT: Hall, Jeff

; TITLE OF INVENTION: Genetic Typing of Human Genes And Related Materials And Methods

; FILE REFERENCE: 4389-23

; CURRENT APPLICATION NUMBER: US/09/724,389

; CURRENT FILING DATE: 2000-11-28

; NUMBER OF SEQ ID NOS: 1449

; SOFTWARE: PatentIn version 3.0

; SEQ ID NO 1261

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-724-389-1261

Query Match

Best Local Similarity 0.7%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1235 CAGCCCTCGCTCGACCCC 1254
|||||
Db 20 CAGCCCTCTCTCAGACCCC 1

RESULT 492

US-10-310-188-2897/c

; Sequence 2897, Application US/10310188

; GENERAL INFORMATION:

; APPLICANT: RosettaGenomics

; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE

; FILE REFERENCE: 47487

; CURRENT APPLICATION NUMBER: US/10/310,188

; CURRENT FILING DATE: 2002-12-19

; NUMBER OF SEQ ID NOS: 86841

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 2897

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-310-188-2897

Query Match

Best Local Similarity 0.7%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1194 GGTGGCCACCCATCAGG 1213
|||||
Db 21 GGTGGCCCTCTCTACAGG 2

RESULT 493

US-10-310-188-47281/c

; Sequence 47281, Application US/10310188

; GENERAL INFORMATION:

; APPLICANT: RosettaGenomics

; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE

; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 47281
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-47281

Query Match 0.7%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1251 CCCCATCCCCAACCCCTTC 1270
|||||
Db 20 CCCAGCCCCCAACCCCACTC 1

RESULT 494

US-10-310-188-55026/c

; Sequence 55026, Application US/10310188

; GENERAL INFORMATION:

; APPLICANT: RosettaGenomics

; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE

; FILE REFERENCE: 47487

; CURRENT APPLICATION NUMBER: US/10/310,188

; CURRENT FILING DATE: 2002-12-19

; NUMBER OF SEQ ID NOS: 86841

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 55026

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-310-188-55026

Query Match

Best Local Similarity 0.7%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1106 GCCTTCAGTCCCGTCCAGT 1125
|||||
Db 21 GCCTTCAGTCCCGTCCAGT 2

RESULT 495

US-10-310-188-67517/c

; Sequence 67517, Application US/10310188

; GENERAL INFORMATION:

; APPLICANT: RosettaGenomics

; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE

; FILE REFERENCE: 47487

; CURRENT APPLICATION NUMBER: US/10/310,188

; CURRENT FILING DATE: 2002-12-19

; NUMBER OF SEQ ID NOS: 86841

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 67517

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-310-188-67517

Query Match

Best Local Similarity 0.7%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1232 CGACAGCCCTCGCTCCGAC 1251
|||||
Db 20 CGGCCCGCTCGCTCCGAC 1

RESULT 496

US-10-310-188-78255/c

; Sequence 78255, Application US/10310188

; GENERAL INFORMATION:

; APPLICANT: RosettaGenomics

; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE

; FILE REFERENCE: 47487

; CURRENT APPLICATION NUMBER: US/10/310,188

; CURRENT FILING DATE: 2002-12-19

; NUMBER OF SEQ ID NOS: 86841

; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 78255

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-310-188-78255

Query Match 0.7%; Score 15.2; DB 1; Length 21;

Best Local Similarity 85.0%; Pred. No. 3.7e+02;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1247 CCGACCCCATCCCAACCC 1266

Db 21 CCTCCCCCATGCCCAACCC 2

RESULT 497

US-10-349-143-8726/c

; Sequence 8726, Application US/10349143

; GENERAL INFORMATION:

; APPLICANT: Blumenfeld, Marta

; APPLICANT: Cohen, Daniel

; APPLICANT: Chumakov, Ilya

; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...

; FILE REFERENCE: GENSET.020CPI

; CURRENT APPLICATION NUMBER: US/10/349,143

; CURRENT FILING DATE: 2003-01-21

; PRIOR APPLICATION NUMBER: US/09/422,978

; PRIOR FILING DATE: 1999-10-20

; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850

; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21

; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732

; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23

; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614

; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21

; NUMBER OF SEQ ID NOS: 11796

; SEQ ID NO 8726

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Homo Sapiens

; FEATURE:

; NAME/KEY: primer_bind

; LOCATION: 1..21

; OTHER INFORMATION: downstream amplification primer 39-17829 for SEQ 861, in compleme

US-10-349-143-8726

Query Match 0.7%; Score 15.2; DB 1; Length 21;

Best Local Similarity 85.0%; Pred. No. 3.7e+02;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 766 GGTTCTCTTCTAAGAGAAA 785

Db 21 GGTCCTCTCTAATAGAAA 2

RESULT 498

US-10-671-740-175/c

; Sequence 175, Application US/10671740

; GENERAL INFORMATION:

; APPLICANT: LIU, WEI

; APPLICANT: WHITLEY, MARYANN

; APPLICANT: SLONIM, DONNA

; APPLICANT: HOMES, STEVEN

; TITLE OF INVENTION: CELL SURFACE MOLECULES AS MARKERS AND THERAPEUTIC AGENTS AGAINST

; FILE REFERENCE: 01997.022600

; CURRENT APPLICATION NUMBER: US/10/671,740

; CURRENT FILING DATE: 2003-09-29

; NUMBER OF SEQ ID NOS: 182

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 175

; LENGTH: 21

; TYPE: RNA

; ORGANISM: Homo sapiens

US-10-671-740-175

Query Match 0.7%; Score 15.2; DB 1; Length 21;

Best Local Similarity 85.0%; Pred. No. 3.7e+02;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 955 TATCGCTACCAACGCTGGAA 974

Db 20 TATTGTTACCAACGAGGAA 1

RESULT 499

US-10-751-736-27499/c

; Sequence 27499, Application US/10751736

; GENERAL INFORMATION:

; APPLICANT: Wyeth

; APPLICANT: Martinez, Robert

; APPLICANT: Brown, Eugene

; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON

; FILE REFERENCE: AM100927 (031896-002000)

; CURRENT APPLICATION NUMBER: US/10/751,736

; CURRENT FILING DATE: 2003-01-06

; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000

; PRIOR FILING DATE: 2003-01-06

; NUMBER OF SEQ ID NOS: 54873

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 27499

; LENGTH: 21

; TYPE: DNA

; ORGANISM: homo sapiens

US-10-751-736-27499

Query Match 0.7%; Score 15.2; DB 1; Length 21;

Best Local Similarity 85.0%; Pred. No. 3.7e+02;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 890 TGCTGTGCTCCCTGGTCATT 909

Db 20 TTCTGTGCTCCCTGGTCATT 1

RESULT 500

US-10-751-736-34923/c

; Sequence 34923, Application US/10751736

; GENERAL INFORMATION:

; APPLICANT: Wyeth

; APPLICANT: Martinez, Robert

; APPLICANT: Brown, Eugene

; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON

; FILE REFERENCE: AM100927 (031896-002000)

; CURRENT APPLICATION NUMBER: US/10/751,736

; CURRENT FILING DATE: 2003-01-06

; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000

; PRIOR FILING DATE: 2003-01-06

; NUMBER OF SEQ ID NOS: 54873

```
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 34923
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi
US-10-751-736-34923

Query Match          0.7%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1266 CCTTCAGAGTGGGAGGACA 1285
    |||||
Db 21 CCTTCAGAGTGGGAGGACA 2

RESULT 501
US-60-350-061-389/c
; Sequence 389, Application US/60350061
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: IDENTIFICATION OF GENES FOR PREDICTING ACTIVITY OF COMPOUNDS THAT
; FILE REFERENCE: D0185
; CURRENT APPLICATION NUMBER: US/60/350,061
; CURRENT FILING DATE: 2002-01-18
; NUMBER OF SEQ ID NOS: 981
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 389
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-60-350-061-389

Query Match          0.7%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 3.7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 848 AGATTGAGATGTTAAGGCG 867
    |||||
Db 21 AGAATGAGATGTTAAGGCG 2

RESULT 502
US-09-155-885A-274/c
; Sequence 274, Application US/09155885A
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; MAERTENS, GEERT
; ROSSAU, RUDI
; TITLE OF INVENTION: METHOD FOR TYPING AND DETECTING HBV
; NUMBER OF SEQUENCES: 313
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHYE P.C.
; STREET: 1100 NORTH GLEBE ROAD
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: U.S.A.
; ZIP: 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/155,885A
; FILING DATE: 08-Oct-1998
; CLASSIFICATION: <unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/EP97/02002
; FILING DATE: 21-APR-1997
; APPLICATION NUMBER: EP 96870053.4
; FILING DATE: 19-APR-1996

; ATTORNEY/AGENT INFORMATION:
; NAME: SADOFF, B.J.
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 2551-5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 816-4000
; TELEFAX: (703) 816-4100
; INFORMATION FOR SEQ ID NO: 274:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 274:
US-09-155-885A-274

Query Match          0.7%; Score 15; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 728 GCCAGGAGAAACAGA 742
    |||||
Db 18 GCCAGGAGAAACAGA 4

RESULT 503
US-09-695-451-150/c
; Sequence 150, Application US/09695451
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Lex M. Cowser
; APPLICANT: Hong Zhang
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF TNFR1 EXPRESSION
; FILE REFERENCE: ISPH-0518
; CURRENT APPLICATION NUMBER: US/09/695,451
; CURRENT FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/106,038
; PRIOR FILING DATE: 1998-06-26
; PRIOR APPLICATION NUMBER: PCT/US99/13763
; PRIOR FILING DATE: 1999-06-17
; NUMBER OF SEQ ID NOS: 246
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 150
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-695-451-150

Query Match          0.7%; Score 15; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1130 CCTTCACCTCCAGCT 1144
    |||||
Db 15 CCTTCACCTCCAGCT 1

RESULT 504
US-10-453-792-274/c
; Sequence 274, Application US/10453792
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; ROSSAU, RUDI
; MAERTENS, GEERT
; TITLE OF INVENTION: METHOD FOR TYPING AND DETECTING HBV
; NUMBER OF SEQUENCES: 313
; CORRESPONDENCE ADDRESS:
```

ADDRESSEE: NIXON & VANDERHYE P.C.
STREET: 1100 NORTH GLEBE ROAD
CITY: ARLINGTON
STATE: VIRGINIA
COUNTRY: U.S.A.
ZIP: 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/453,792
FILING DATE: 04-Jun-2003
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/155,895A
FILING DATE: 08-Oct-1998
APPLICATION NUMBER: PCT/EP97/02002
FILING DATE: 21-APR-1997
APPLICATION NUMBER: EP 96870053.4
FILING DATE: 19-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: SADOFF, B.J.
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 2551-5
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 816-4000
TELEFAX: (703) 816-4100
INFORMATION FOR SEQ ID NO: 274:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 274:
US-10-453-792-274
Query Match 0.7%; Score 15; DB 1; Length 18;
Best Local Similarity 100.0%; Pred.No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 728 GCCAGGAGAAACAGA 742
Db 18 GCCAGGAGAAACAGA 4
RESULT 505
US-10-606-879-274/c
Sequence 274, Application US/10606879
GENERAL INFORMATION:
APPLICANT: STUYVER, LIEVEN
ROSSAU, RUDI
MAERTENS, GEERT
TITLE OF INVENTION: METHOD FOR TYPING AND DETECTING HBV
NUMBER OF SEQUENCES: 313
CORRESPONDENCE ADDRESS:
ADDRESSEE: NIXON & VANDERHYE P.C.
STREET: 1100 NORTH GLEBE ROAD
CITY: ARLINGTON
STATE: VIRGINIA
COUNTRY: U.S.A.
ZIP: 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/606,879

FILING DATE: 27-Jun-2003
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/155,885A
FILING DATE: 08-Oct-1998
APPLICATION NUMBER: PCT/EP97/02002
FILING DATE: 21-APR-1997
APPLICATION NUMBER: EP 96870053.4
FILING DATE: 19-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: SADOFF, B.J.
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 2551-5
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 816-4000
TELEFAX: (703) 816-4100
INFORMATION FOR SEQ ID NO: 274:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 274:
US-10-606-879-274
Query Match 0.7%; Score 15; DB 1; Length 18;
Best Local Similarity 100.0%; Pred.No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 728 GCCAGGAGAAACAGA 742
Db 18 GCCAGGAGAAACAGA 4
RESULT 506
US-10-702-817-150/c
Sequence 150, Application US/10702817
GENERAL INFORMATION:
APPLICANT: Hong Zhang
TITLE OF INVENTION: ANTISENSE MODULATION OF TNFRI EXPRESSION
FILE REFERENCE: ISPH-0797
CURRENT APPLICATION NUMBER: US/10/702,817
CURRENT FILING DATE: 2003-11-06
PRIOR APPLICATION NUMBER: US 09/106,038
PRIOR FILING DATE: 1998-06-26
PRIOR APPLICATION NUMBER: PCT/US99/13763
PRIOR FILING DATE: 1999-06-17
PRIOR APPLICATION NUMBER: 09/595,451
PRIOR FILING DATE: 2000-10-24
NUMBER OF SEQ ID NOS: 247
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 150
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-702-817-150
Query Match 0.7%; Score 15; DB 1; Length 18;
Best Local Similarity 100.0%; Pred.No. 3.4e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1130 CCTTCACCTCCAGCT 1144
Db 15 CCTTCACCTCCAGCT 1
RESULT 507
PCT-US99-18101-61/c

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/155,885A
FILING DATE: 08-Oct-1998
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/EP97/02002
FILING DATE: 21-APR-1997
APPLICATION NUMBER: EP 96870053.4
FILING DATE: 19-APR-1996
ATTORNEY/AGENT INFORMATION:
NAME: SADOFF, B.J.
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 2551-5
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 816-4000
TELEFAX: (703) 816-4100
INFORMATION FOR SEQ ID NO: 135:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHETICAL: NO
ANTI-SENSE: NO
SEQUENCE DESCRIPTION: SEQ ID NO: 135:
US-09-155-885A-135

Query Match 0.7%; Score 15; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 3.8e+02;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTGGTCTTTG 923
Db 17 ATTTCTTTGGTCTTG 1

RESULT 512
US-09-612-558A-42/c
; Sequence 42, Application US/09612558A
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; APPLICANT: VAN GEYT, CAROLINE
; APPLICANT: MAERTENS, GEERT
; TITLE OF INVENTION: DETECTION OF ANTI-HEPATITIS B DRUG RESISTANCE
; FILE REFERENCE: 2551-45
; CURRENT APPLICATION NUMBER: US/09/612,558A
; CURRENT FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 60/143,546
; PRIOR FILING DATE: 1999-07-13
; PRIOR APPLICATION NUMBER: EP 99870148.6
; PRIOR FILING DATE: 1999-07-08
; NUMBER OF SEQ ID NOS: 109
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Hepatitis B virus
US-09-612-558A-42

Query Match 0.7%; Score 15; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 3.8e+02;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTGGTCTTTG 923
Db 17 ATTTCTTTGGTCTTG 1

RESULT 513
US-09-612-558B-42/c
; Sequence 42, Application US/09612558B
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; APPLICANT: VAN GEYT, CAROLINE
; APPLICANT: MAERTENS, GEERT
; TITLE OF INVENTION: DETECTION OF ANTI-HEPATITIS B DRUG RESISTANCE
; FILE REFERENCE: 2551-45
; CURRENT APPLICATION NUMBER: US/09/612,558B
; CURRENT FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 60/143,546
; PRIOR FILING DATE: 1999-07-13
; PRIOR APPLICATION NUMBER: EP 99870148.6
; PRIOR FILING DATE: 1999-07-08
; NUMBER OF SEQ ID NOS: 109
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Hepatitis B virus
US-09-612-558B-42

Query Match 0.7%; Score 15; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 3.8e+02;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTGGTCTTTG 923
Db 17 ATTTCTTTGGTCTTG 1

RESULT 514
US-09-612-558C-42/c
; Sequence 42, Application US/09612558C
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; APPLICANT: VAN GEYT, CAROLINE
; APPLICANT: MAERTENS, GEERT
; TITLE OF INVENTION: DETECTION OF ANTI-HEPATITIS B DRUG RESISTANCE
; FILE REFERENCE: 2551-45
; CURRENT APPLICATION NUMBER: US/09/612,558C
; CURRENT FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: 60/143,546
; PRIOR FILING DATE: 1999-07-13
; PRIOR APPLICATION NUMBER: EP 99870148.6
; PRIOR FILING DATE: 1999-07-08
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Hepatitis B virus
US-09-612-558C-42

Query Match 0.7%; Score 15; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 3.8e+02;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTGGTCTTTG 923
Db 17 ATTTCTTTGGTCTTG 1

RESULT 515
US-09-718-095-37/c
; Sequence 37, Application US/09718095
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; APPLICANT: VAN GEYT, CAROLINE
; APPLICANT: DE GENDT SIJA
; TITLE OF INVENTION: New HBV Sequences

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; FILE REFERENCE: 2551-52
; CURRENT APPLICATION NUMBER: US/09/718,095
; PRIOR FILING DATE: 2000-11-22
; PRIOR APPLICATION NUMBER: EP99870252.6
; PRIOR FILING DATE: 1999-12-03
; PRIOR APPLICATION NUMBER: US60/169,287
; PRIOR FILING DATE: 1999-12-07
; NUMBER OF SEQ ID NOS: 169
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Hepatitis B virus
US-09-718-095-37

Query Match      0.7%; Score 15; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 3.8e+02;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 907 ATTTCTTTGGTCTTTG 923
Db 17 ATTTCTTTGGTCTTTG 1

RESULT 516
US-10-453-792-135/c
; Sequence 135, Application US/10453792
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; ROSSAU, RUDI
; MAERTENS, GEERT
; TITLE OF INVENTION: METHOD FOR TYPING AND DETECTING HBV
; NUMBER OF SEQUENCES: 313
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHYE P.C.
; STREET: 1100 NORTH GLEBE ROAD
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: U.S.A.
; ZIP: 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/453,792
; FILING DATE: 04-Jun-2003
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/155,885A
; FILING DATE: 08-Oct-1998
; APPLICATION NUMBER: PCT/EP97/02002
; FILING DATE: 21-APR-1997
; APPLICATION NUMBER: EP 96870053.4
; FILING DATE: 19-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: SADOFF, B.J.
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 2551-5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 816-4000
; TELEFAX: (703) 816-4100
; INFORMATION FOR SEQ ID NO: 135:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 135:

US-09-718-095-37
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US-10-453-792-135
Query Match      0.7%; Score 15; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 3.8e+02;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 907 ATTTCTTTGGTCTTTG 923
Db 17 ATTTCTTTGGTCTTTG 1

RESULT 517
US-10-606-879-135/c
; Sequence 135, Application US/10606879
; GENERAL INFORMATION:
; APPLICANT: STUYVER, LIEVEN
; ROSSAU, RUDI
; MAERTENS, GEERT
; TITLE OF INVENTION: METHOD FOR TYPING AND DETECTING HBV
; NUMBER OF SEQUENCES: 313
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: NIXON & VANDERHYE P.C.
; STREET: 1100 NORTH GLEBE ROAD
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: U.S.A.
; ZIP: 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/606,879
; FILING DATE: 27-Jun-2003
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/155,885A
; FILING DATE: 08-Oct-1998
; APPLICATION NUMBER: PCT/EP97/02002
; FILING DATE: 21-APR-1997
; APPLICATION NUMBER: EP 96870053.4
; FILING DATE: 19-APR-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: SADOFF, B.J.
; REGISTRATION NUMBER: 36,663
; REFERENCE/DOCKET NUMBER: 2551-5
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 816-4000
; TELEFAX: (703) 816-4100
; INFORMATION FOR SEQ ID NO: 135:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 135:

US-10-606-879-135

Query Match      0.7%; Score 15; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 3.8e+02;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Qy 907 ATTTCTTTGGTCTTTG 923
Db 17 ATTTCTTTGGTCTTTG 1

RESULT 518
US-08-472-802A-36
```

```
Sequence 36, Application US/08472802A
GENERAL INFORMATION:
APPLICANT: Villeponteau, Bryant
APPLICANT: Feng, Junli
APPLICANT: Funk, Walter
APPLICANT: Andrews, William H.
TITLE OF INVENTION: Mammalian Telomerase
NUMBER OF SEQUENCES: 40
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/472,802A
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/272,102
FILING DATE: 07-JUL-1994
APPLICATION NUMBER: US 08/330,123
FILING DATE: 27-OCT-1994
ATTORNEY/AGENT INFORMATION:
NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 15389-000820
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-472-802A-36

Query Match 0.7%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1247 CGACCCCATCCCAACC 1264
DB 1 CCAACCCCAACCCCAACC 18

RESULT 519
US-08-472-802B-36
Sequence 36, Application US/08472802B
GENERAL INFORMATION:
APPLICANT: Villeponteau, Bryant
APPLICANT: Feng, Junli
APPLICANT: Andrews, William H.
TITLE OF INVENTION: Mammalian Telomerase
NUMBER OF SEQUENCES: 43
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
```

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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/472,802B
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/272,102
FILING DATE: 07-JUL-1994
APPLICATION NUMBER: US 08/330,123
FILING DATE: 27-OCT-1994
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M.
REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 15389-000820
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 36:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-472-802B-36

Query Match 0.7%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1247 CGACCCCATCCCAACC 1264
DB 1 CCAACCCCAACCCCAACC 18

RESULT 520
US-08-521-634-51
Sequence 51, Application US/08521634
GENERAL INFORMATION:
APPLICANT: Villeponteau, Bryant
APPLICANT: Feng, Junli
APPLICANT: Funk, Walter
APPLICANT: Andrews, William
TITLE OF INVENTION: Mammalian Telomerase
NUMBER OF SEQUENCES: 66
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew
STREET: One Market Plaza, Steuart Tower, Suite 2000
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/521,634
FILING DATE: 31-AUG-1995
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/482,115
FILING DATE: 7-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/472,802
FILING DATE: 7-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/330,123
FILING DATE: 27-OCT-1994
```

;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US 08/272,102
;; FILING DATE: 7-JUL-1994
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Dunn, Tracy J.
;; REGISTRATION NUMBER: 34,587
;; REFERENCE/DOCKET NUMBER: 15389-000850
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 415-326-2400
;; TELEFAX: 415-326-2422
;; INFORMATION FOR SEQ ID NO: 51:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 18 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; MOLECULE TYPE: DNA (oligonucleotide)
US-08-521-634-51

Query Match 0.7%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1247 CCGACCCCATCCCAACC 1264
DB 1 CCAACCCCAACCCCAACC 18

RESULT 521
US-08-608-862-6/c
; Sequence 6, Application US/08608862
; GENERAL INFORMATION:
; APPLICANT: Barber, Jack R.
; APPLICANT: Welch, Peter J.
; APPLICANT: Tritz, Richard
; APPLICANT: Yei, SoonPin
; APPLICANT: Yu, Mang
; TITLE OF INVENTION: HEPATITIS C VIRUS RIBOZYMES
; NUMBER OF SEQUENCES: 73
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: SEED AND BERRY LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: USA
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/608,862
; FILING DATE: 29-FEB-1996
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: McMasters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 480124.403A1
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 6:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-08-608-862-6

Query Match 0.7%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1204 CCCTATCAGGGGCTGAC 1221
DB 18 CCCATCAGGGGCTGGC 1

RESULT 522
US-09-703-708-14260
; Sequence 14260, Application US/09703708
; GENERAL INFORMATION:
; APPLICANT: Bower, Stanley G.
; APPLICANT: Hinkle, Gregory J.
; TITLE OF INVENTION: Xanthomonas campestris Genome Sequences and Uses Thereof
; FILE REFERENCE: 38-10(15804)C
; CURRENT APPLICATION NUMBER: US/09/703,708
; CURRENT FILING DATE: 2000-11-02 US 60/164,320
; PRIOR APPLICATION NUMBER: 1999-11-10
; PRIOR FILING DATE: US 60/183,791
; PRIOR APPLICATION NUMBER: 2000-02-22
; NUMBER OF SEQ ID NOS: 18992
; SEQ ID NO 14260
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Xanthomonas campestris
US-09-703-708-14260

Query Match 0.7%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 740 AGAACACCGTGTGCACCT 757
DB 1 AGAATGCCGTGTGCACCT 18

RESULT 523
US-10-310-188-9848/c
; Sequence 9848, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GI
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 9848
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-9848

Query Match 0.7%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1253 CCATCCCCAACCCCTTC 1270
DB 18 CCATCCCCAACCCCTTC 1

RESULT 524
US-10-310-188-82678/c
; Sequence 82678, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GI
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19

```
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 82678
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-82678

Query Match          0.7%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1251 CCCCATCCCAACCCCT 1268
DB 18 CCCCACCCCAACCCCT 1

RESULT 525
US-10-359-935-36
; Sequence 36, Application US/10359935
; GENERAL INFORMATION:
; APPLICANT: Villeponteau, Bryant
; FENG, Junli
; FUNK, Walter
; ANDREWS, William H.
; TITLE OF INVENTION: Mammalian Telomerase
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/359,935
; FILING DATE: 07-Feb-2003
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/057,351
; FILING DATE: 08-APR-1994
; APPLICATION NUMBER: US 08/272,102
; FILING DATE: 07-JUL-1994
; APPLICATION NUMBER: US 08/330,123
; FILING DATE: 27-OCT-1994
; APPLICATION NUMBER: US 08/472,802
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-000821US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 36:
US-10-359-935-36

Query Match          0.7%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

; NUMBER OF SEQ ID NOS: 1264
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 1264
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Xanthomonas campestris
US-60-164-320-14260

Query Match          0.7%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 740 AGAACACCGTGTGCACCT 757
DB 1 AGAATGCCGTGTGCACCT 18

RESULT 527
US-60-183-791-14260
; Sequence 14260, Application US/60183791
; GENERAL INFORMATION:
; APPLICANT: Bower, Stanley G.
; APPLICANT: Hinkle, Gregory J.
; TITLE OF INVENTION: Xanthomonas campestris Genome Sequences and Uses Thereof
; FILE REFERENCE: 38-10(15804)B
; CURRENT APPLICATION NUMBER: US/60/183,791
; CURRENT FILING DATE: 2000-02-22
; NUMBER OF SEQ ID NOS: 18992
; SEQ ID NO 14260
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Xanthomonas campestris
US-60-183-791-14260

Query Match          0.7%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 3.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 740 AGAACACCGTGTGCACCT 757
DB 1 AGAATGCCGTGTGCACCT 18

RESULT 528
US-10-266-090-38876
; Sequence 38876, Application US/10266090
; GENERAL INFORMATION:
; APPLICANT: GOFF, STEPHEN
; APPLICANT: BONAN, CAROLINE
; APPLICANT: COLBERT, MICHELLE
; APPLICANT: WANG, RONG-LIN
; TITLE OF INVENTION: CEREAL TRINUCLEOTIDE SIMPLE SEQUENCE
; FILE REFERENCE: NADII.058C1
; CURRENT APPLICATION NUMBER: US/10/266,090
; CURRENT FILING DATE: 2002-10-03
; PRIOR APPLICATION NUMBER: US 10/260,703
; PRIOR FILING DATE: 2002-09-26
; PRIOR APPLICATION NUMBER: US 60/326,117
```

; PRIOR FILING DATE: 2001-09-26
; NUMBER OF SEQ ID NOS: 51812
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 38876
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR PRIMER FOR SEQUENCE FROM ORYZA SATIVA
US-10-266-090-38876

Query Match 0.7%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 3.9e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1133 TCACCTCCAGTCCACCT 1150
|||||
DB 1 TCACCTCCAGTCCCTCT 18

RESULT 529
US-10-293-338-5899/c
; Sequence 5899, Application US/1029338
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY GENES AND
; FILE REFERENCE: 45282
; CURRENT APPLICATION NUMBER: US/10/293,338
; CURRENT FILING DATE: 2002-11-14
; NUMBER OF SEQ ID NOS: 8785
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5899
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-293-338-5899

Query Match 0.7%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 3.9e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1251 CCCATCCCCAACCCCT 1268
|||||
DB 19 CCCATCCCCAACCCCT 2

RESULT 530
US-10-310-188-72776/c
; Sequence 72776, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 72776
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-72776

Query Match 0.7%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 3.9e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1251 CCCATCCCCAACCCCT 1268
|||||
DB 19 CCCATCCCCAACCCCT 2

RESULT 531
US-10-310-188-72843/c
; Sequence 72843, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 72843
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-72843

Query Match 0.7%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 3.9e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1251 CCCATCCCCAACCCCT 1268
|||||
DB 1 18 CCCATCCCCAACCCCT 1

RESULT 532
PCT-US01-06572A-308
; Sequence 308, Application PC/TUS0106572A
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: Ian Popoff
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: ANTISENSE MODULATION OF PARP EXPRESSION
; FILE REFERENCE: RTSP-0115
; CURRENT APPLICATION NUMBER: PCT/US01/06572A
; CURRENT FILING DATE: 2001-03-01
; PRIOR APPLICATION NUMBER: 09/517,647
; PRIOR FILING DATE: 2000-03-02
; NUMBER OF SEQ ID NOS: 345
; SEQ ID NO 308
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US01-06572A-308

Query Match 0.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1273 AACTGGGAGGACAGCGCC 1290
|||||
DB 1 AACTGGGAGGACAGCTCC 18

RESULT 533
PCT-US02-10529-143
; Sequence 143, Application PC/TUS0210529
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPID SCRAMBLASE I EXPRESSION
; FILE REFERENCE: RTSP-0291
; CURRENT APPLICATION NUMBER: PCT/US02/10529
; CURRENT FILING DATE: 2002-04-02
; PRIOR APPLICATION NUMBER: 09/828,344
; PRIOR FILING DATE: 2001-04-05
; NUMBER OF SEQ ID NOS: 176

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PCT-US03-25389-718.

Query Match      0.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      731 AGGAGAAACAGAACACCG 748
Db      20 AGAGGAAACAGAACACCG 3

RESULT 536
PCT-US03-25389-1285/c
; Sequence 1285, Application PC/TUS0325389
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corporation
; TITLE OF INVENTION: Antisense Modulation Of Acyl-CoA Synthetase 1 Expression
; FILE REFERENCE: 01294/1/PCT
; CURRENT APPLICATION NUMBER: PCT/US03/25389
; CURRENT FILING DATE: 2003-08-14
; PRIOR APPLICATION NUMBER: 60/403,591
; PRIOR FILING DATE: 2002-08-14
; NUMBER OF SEQ ID NOS: 3624
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1285
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human ACS-1 antisense
PCT-US03-25389-1285

Query Match      0.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      731 AGGAGAAACAGAACACCG 748
Db      19 AGAGGAAACAGAACACCG 2

RESULT 537
PCT-US99-16337-62/c
; Sequence 62, Application PC/TUS9916337
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: MUTATIONS IN AND GENOMIC STRUCTURE OF HERG - A LONG QT
; . TITLE OF INVENTION: SYNDROME GENE
; FILE REFERENCE: 2323-136-PCT
; CURRENT APPLICATION NUMBER: PCT/US99/16337
; CURRENT FILING DATE: 1999-07-20
; EARLIER APPLICATION NUMBER: 09/122,847
; EARLIER FILING DATE: 1998-07-27
; EARLIER APPLICATION NUMBER: 09/226,012
; EARLIER FILING DATE: 1999-01-06
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: PatentIn ver. 2.0
; SEQ ID NO 62
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US99-16337-62

Query Match      0.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1274 AGTGGGAGGACAGCGCCC 1291
Db      18 AGTGGGAGGACATAGCCC 1

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RESULT 538
US-09-122-847-62/c
; Sequence 62, Application US/09122847
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: MUTATIONS IN AND GENOMIC STRUCTURE OF HERG - A LONG QT
; FILE REFERENCE: 2323-130
; CURRENT APPLICATION NUMBER: US/09/122,847
; CURRENT FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 62
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-122-847-62

Query Match      0.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1274 AGTGGGAGGACGAGCC 1291
Db 18 AGTGGGAGGACATAGCCC 1

RESULT 539
US-09-514-000-14226/c
; Sequence 14226, Application US/09514000
; GENERAL INFORMATION:
; APPLICANT: Hinkle, Gregory J.
; APPLICANT: Slater, Steven C.
; TITLE OF INVENTION: Agrobacterium tumefaciens Genome Sequences and Uses Thereof
; FILE REFERENCE: 38-10(15490)B
; CURRENT APPLICATION NUMBER: US/09/514,000
; CURRENT FILING DATE: 2000-02-23
; NUMBER OF SEQ ID NOS: 15034
; SEQ ID NO 14226
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Agrobacterium tumefaciens
US-09-514-000-14226

Query Match      0.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1115 CCGTGCCCGAGTCCACCT 1132
Db 18 CCTTGACCGATTCACCT 1

RESULT 540
US-09-703-708-17107/c
; Sequence 17107, Application US/09703708
; GENERAL INFORMATION:
; APPLICANT: Bower, Stanley G.
; APPLICANT: Hinkle, Gregory J.
; TITLE OF INVENTION: Xanthomonas campestris Genome Sequences and Uses Thereof
; FILE REFERENCE: 38-10(15904)C
; CURRENT APPLICATION NUMBER: US/09/703,708
; CURRENT FILING DATE: 2000-11-02
; PRIOR APPLICATION NUMBER: US 60/164,320
; PRIOR FILING DATE: 1999-11-10
; PRIOR APPLICATION NUMBER: US 60/183,791
; PRIOR FILING DATE: 2000-02-22
; NUMBER OF SEQ ID NOS: 18992
; SEQ ID NO 17107
; LENGTH: 20
; TYPE: DNA
```

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; ORGANISM: Xanthomonas campestris
US-09-703-708-17107

Query Match      0.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 818 GCCTGAGTGACGAGT 835
Db 19 GCTTGAGTGACGAGT 2

RESULT 541
US-09-735-995-62/c
; Sequence 62, Application US/09735995
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: MUTATIONS IN AND GENOMIC STRUCTURE OF HERG - A LONG QT
; FILE REFERENCE: 2323-136
; CURRENT APPLICATION NUMBER: US/09/735,995
; CURRENT FILING DATE: 2000-12-14
; PRIOR APPLICATION NUMBER: 09/226,012
; PRIOR FILING DATE: 1999-01-06
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 62
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-735-995-62

Query Match      0.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1274 AGTGGGAGGACGAGCC 1291
Db 18 AGTGGGAGGACATAGCCC 1

RESULT 542
US-09-828-344-143
; Sequence 143, Application US/09828344
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPID SCRAMBLASE I EXPRESSION
; FILE REFERENCE: RTS-0147
; CURRENT APPLICATION NUMBER: US/09/828,344
; CURRENT FILING DATE: 2001-04-06
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 143
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-828-344-143

Query Match      0.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1128 CACCTTCACCTCCAGTC 1145
Db 2 CATCTTCACCTCCAGTC 19

RESULT 543
US-09-976-782-72/c
; Sequence 72, Application US/09976782
```

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RESULT 545
US-10-165-099-120
; Sequence 120, Application US/10165099
; GENERAL INFORMATION:
; APPLICANT: D'Andrea, Alan
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE DIAGNOSIS OF CANCER SUSCEPTIBILITY
; FILE REFERENCE: 7032/2055
; CURRENT APPLICATION NUMBER: US/10/165,099
; CURRENT FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 09/998,027
; PRIOR FILING DATE: 2001-11-02
; PRIOR APPLICATION NUMBER: US 60/245,756
; PRIOR FILING DATE: 2000-11-03
; NUMBER OF SEQ ID NOS: 352
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 120
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-165-099-120

Query Match      0.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1062 AAACCCAGCTTCAGTCC 1079
      ||||| ||||| |||||
Db       3 AAACCCATGATTAGTCC 20

RESULT 546
US-10-266-090-42027
; Sequence 42027, Application US/10266090
; GENERAL INFORMATION:
; APPLICANT: GOFF, STEPHEN
; APPLICANT: BONAN, CAROLINE
; APPLICANT: COLBERT, MICHELLE
; APPLICANT: WANG, RONG-LIN
; TITLE OF INVENTION: CEREAL TRINUCLEOTIDE SIMPLE SEQUENCE
; TITLE OF INVENTION: REPEAT MARKERS AND THEIR USES
; FILE REFERENCE: NADII.058C1
; CURRENT APPLICATION NUMBER: US/10/266,090
; CURRENT FILING DATE: 2002-10-03
; PRIOR APPLICATION NUMBER: US 10/260,703
; PRIOR FILING DATE: 2002-09-26
; PRIOR APPLICATION NUMBER: US 60/326,117
; PRIOR FILING DATE: 2001-09-26
; NUMBER OF SEQ ID NOS: 51812
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 42027
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR PRIMER FOR SEQUENCE FROM ORYZA SATIVA
US-10-266-090-42027

Query Match      0.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1128 CACCTTCACCTCCAGCTC 1145
      ||||| ||||| |||||
Db       1 CACCTTCCTCTCCAGCTC 18

RESULT 547
US-10-266-090-45656
; Sequence 45656, Application US/10266090

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; GENERAL INFORMATION:
; APPLICANT: GOFF, STEPHEN
; APPLICANT: BONAN, CAROLINE
; APPLICANT: COLBERT, MICHELLE
; APPLICANT: WANG, RONG-LIN
; TITLE OF INVENTION: CEREAL TRINUCLEOTIDE SIMPLE SEQUENCE
; TITLE OF INVENTION: REPEAT MARKERS AND THEIR USES
; FILE REFERENCE: NADII.058C1
; CURRENT APPLICATION NUMBER: US/10/266,090
; CURRENT FILING DATE: 2002-10-03
; PRIOR APPLICATION NUMBER: US/10/260,703
; PRIOR FILING DATE: 2002-09-26
; PRIOR APPLICATION NUMBER: US 60/326,117
; PRIOR FILING DATE: 2001-09-26
; NUMBER OF SEQ ID NOS: 51812
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 45656
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR PRIMER FOR SEQUENCE FROM ORYZA SATIVA
US-10-266-090-45656

Query Match      0.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1131 CTTACCTCCAGTCCAC 1148
Db 3 CTCACCTCCAGTCCAC 20

RESULT 548
US-10-293-338-5014/c
; Sequence 5014, Application US/10293338
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics LTD
; TITLE OF INVENTION: BIOINFORMATICAALLY DETECTABLE GROUP OF NOVEL REGULATORY GENES AND
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: 45282
; CURRENT APPLICATION NUMBER: US/10/293,338
; CURRENT FILING DATE: 2002-11-14
; NUMBER OF SEQ ID NOS: 8785
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5014
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-293-338-5014

Query Match      0.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1237 GCCTCGCTCCGACCCC 1254
Db 20 GCCCTCGCTCCGACCCC 3

RESULT 549
US-10-293-998-11
; Sequence 11, Application US/10293998
; GENERAL INFORMATION:
; APPLICANT: Ming-Yi Chiang
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF G PROTEIN-COUPLED RECEPTOR RE2 EXPRESSION
; FILE REFERENCE: HTS-0026
; CURRENT APPLICATION NUMBER: US/10/293,998
; CURRENT FILING DATE: 2002-11-11
; NUMBER OF SEQ ID NOS: 82
; SEQ ID NO 11
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-293-998-11

Query Match      0.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1187 GCAGAGAGTGGCACCAC 1204
Db 2 GCAGAGAGTGGCACCAC 19

RESULT 550
US-10-293-998-48/c
; Sequence 48, Application US/10293998
; GENERAL INFORMATION:
; APPLICANT: Ming-Yi Chiang
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF G PROTEIN-COUPLED RECEPTOR RE2 EXPRESSION
; FILE REFERENCE: HTS-0026
; CURRENT APPLICATION NUMBER: US/10/293,998
; CURRENT FILING DATE: 2002-11-11
; NUMBER OF SEQ ID NOS: 82
; SEQ ID NO 48
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-293-998-48

Query Match      0.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1187 GCAGAGAGTGGCACCAC 1204
Db 19 GCAGAGAGTGGCACCAC 2

RESULT 551
US-10-303-778-11819/c
; Sequence 11819, Application US/10303778
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICAALLY DETECTABLE GROUP OF NOVEL VIRAL
; TITLE OF INVENTION: REGULATORY GENES AND USES THEREOF
; FILE REFERENCE: 47416
; CURRENT APPLICATION NUMBER: US/10/303,778
; CURRENT FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 17608
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11819
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-303-778-11819

Query Match      0.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1250 ACCCATCCGACCCCC 1267
Db 19 ACCCATCCGACCCCC 2

RESULT 552
US-10-310-188-21658/c
; Sequence 21658, Application US/10310188
; GENERAL INFORMATION:
```

```

; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 21658
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-21658

Query Match      0.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1250 ACCCCATCCCAACCC 1267
Db 19 ACCCGACCCCAACCC 2

RESULT 553
US-10-310-188-36415/c
; Sequence 36415, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 36415
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-36415

Query Match      0.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1086 AGGCTTCACCCACCC 1103
Db 20 AGGCTTCACCCGCGCC 3

RESULT 554
US-10-696-708-62/c
; Sequence 62, Application US/10696708
; GENERAL INFORMATION:
; APPLICANT: Keating, Mark T.
; APPLICANT: Splawski, Igor
; TITLE OF INVENTION: MUTATIONS IN AND GENOMIC STRUCTURE OF HERG - A LONG QT
; TITLE OF INVENTION: SYNDROME GENE
; FILE REFERENCE: 2323-164
; CURRENT APPLICATION NUMBER: US/10/696,708
; CURRENT FILING DATE: 2003-10-30
; PRIOR APPLICATION NUMBER: US 09/735,995
; PRIOR FILING DATE: 2000-12-14
; PRIOR APPLICATION NUMBER: US 09/226,012
; PRIOR FILING DATE: 1999-01-06
; PRIOR APPLICATION NUMBER: 09/122,847
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 116
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 62
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-696-708-62

Query Match      0.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1274 AGTGGAGGACGCGCC 1291
Db 18 AGTGGAGGACATAGCC 1

RESULT 555
US-60-164-320-17107/c
; Sequence 17107, Application US/60164320
; GENERAL INFORMATION:
; APPLICANT: Bower, Stanley G.
; APPLICANT: Hinkle, Gregory J.
; TITLE OF INVENTION: Xanthomonas campestris Genome Sequences and Uses Thereof
; FILE REFERENCE: 38-10(15804)A
; CURRENT APPLICATION NUMBER: US/60/164,320
; CURRENT FILING DATE: 1999-11-10
; NUMBER OF SEQ ID NOS: 18992
; SEQ ID NO 17107
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Xanthomonas campestris
US-60-164-320-17107

Query Match      0.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 818 GCCTGGAGTGACGGAAGT 835
Db 19 GCTTGAAGTGACGGAAGT 2

RESULT 556
US-60-183-791-17107/c
; Sequence 17107, Application US/60183791
; GENERAL INFORMATION:
; APPLICANT: Bower, Stanley G.
; APPLICANT: Hinkle, Gregory J.
; TITLE OF INVENTION: Xanthomonas campestris Genome Sequences and Uses Thereof
; FILE REFERENCE: 38-10(15804)B
; CURRENT APPLICATION NUMBER: US/60/183,791
; CURRENT FILING DATE: 2000-02-22
; NUMBER OF SEQ ID NOS: 18992
; SEQ ID NO 17107
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Xanthomonas campestris
US-60-183-791-17107

Query Match      0.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 818 GCCTGGAGTGACGGAAGT 835
Db 19 GCTTGAAGTGACGGAAGT 2

RESULT 557
US-60-216-745-5749/c
; Sequence 5749, Application US/60216745
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; APPLICANT: Abderrahim, Hadi
; APPLICANT: Dufaire-Gare, Isabelle
; TITLE OF INVENTION: BIALLELIC MARKER MAPS FOR USE IN CONSTRUCTING A HIGH DENSITY...
```

```
; FILE REFERENCE: 84.US1.PRO
; CURRENT APPLICATION NUMBER: US/60/216,745
; CURRENT FILING DATE: 2000-06-30
; NUMBER OF SEQ ID NOS: 13665
; SOFTWARE: Patent.pm
; SEQ ID NO 5749
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-21828 for SEQ 1218,
US-60-216-745-5749

Query Match      0.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1268 TTCAGAGTGGGAGGACA 1285
Db 18 TTCAGAGTGGGAGGACA 1

RESULT 558
US-60-492-056-513/c
; Sequence 513, Application US/60492056
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Timothy Vickers
; APPLICANT: C. Frank Bennett
; APPLICANT: Richard H. Griffey
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: OLIGOMERIC COMPOUNDS AND COMPOSITIONS FOR USE IN MODULATION OF SM
; FILE REFERENCE: COR0016US L
; CURRENT APPLICATION NUMBER: US/60/492,056
; CURRENT FILING DATE: 2003-08-13
; NUMBER OF SEQ ID NOS: 779
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 513
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-60-492-056-513

Query Match      0.7%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 4.1e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 887 CAGTGCTGTGCCCCCTGG 904
Db 19 CAGTGATGTTGCCCTCG 2

RESULT 559
PCT-US00-28518-24/c
; Sequence 24, Application PC/TUS0028518
; GENERAL INFORMATION:
; APPLICANT: Keegan, Kathy
; TITLE OF INVENTION: ATR-2
; FILE REFERENCE: 27866/35633
; CURRENT APPLICATION NUMBER: PCT/US00/28518
; CURRENT FILING DATE: 2000-10-13
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 24
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

```
; OTHER INFORMATION: Description of Artificial Sequence: primer SLQrev
PCT-US00-28518-24

Query Match      0.7%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 808 TGTAAGAAAAGCCTGGAG 825
Db 19 TGTAAGACAGCCTGCAG 2

RESULT 560
US-07-945-289A-7
; Sequence 7, Application US/07945289A
; GENERAL INFORMATION:
; APPLICANT: Kevin P. Anderson
; TITLE OF INVENTION: Compositions And Methods For
; TITLE OF INVENTION: Treatment Of Hepatitis C Virus-Associated Diseases
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn
; ADDRESSEE: Kurtz Mackiewicz & Norris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/945,289A
; FILING DATE: 19920910
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0486
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 7:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21
; TYPE: NUCLEIC
; STRANDEDNESS: Single
; TOPOLOGY: Linear
; ANTI-SENSE: Yes
US-07-945-289A-7

Query Match      0.7%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1204 CCTATCAGGGGCTGCAG 1221
Db 4 CCTATCAGGGGCTGGC 21

RESULT 561
US-08-452-841B-7
; Sequence 7, Application US/08452841B
; GENERAL INFORMATION:
; APPLICANT: Kevin P. Anderson et al.
; TITLE OF INVENTION: Compositions And Methods For Treatment
; TITLE OF INVENTION: Of Hepatitis C Virus-Associated Diseases
; NUMBER OF SEQUENCES: 118
```

;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Law Offices of Jane Massey Licata
;; STREET: 210 Lake Drive East, Suite 201
;; CITY: Cherry Hill
;; STATE: NJ
;; COUNTRY: USA
;; ZIP: 08002
;;
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
;; COMPUTER: IBM PS/2
;; OPERATING SYSTEM: PC-DOS
;; SOFTWARE: WORDPERFECT 5.1
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/08/452,841B
;; FILING DATE: May 30, 1995
;; CLASSIFICATION: 514
;;
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 08/397,220
;; FILING DATE: March 9, 1995
;;
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 07/945,289
;; FILING DATE: September 10, 1992
;;
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Jane Massey Licata
;; REGISTRATION NUMBER: 32,257
;; REFERENCE/DOCKET NUMBER: ISPH-0136
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (609) 779-2400
;; TELEFAX: (609) 779-8488
;;
;; INFORMATION FOR SEQ ID NO: 7:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 21
;; TYPE: Nucleic
;; STRANDEDNESS: Single
;; TOPOLOGY: Linear
;; ANTI-SENSE: Yes
;;
;; US-08-452-841B-7

Query Match 0.7%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1204 CCTATCAGGGGGCTGAC 1221
||| |||||
Db 4 CCCCATCAGGGGGCTGGC 21

RESULT 562
US-08-453-085-7
; Sequence 7, Application US/08453085
; GENERAL INFORMATION:
; APPLICANT: Kevin P. Anderson
; TITLE OF INVENTION: Compositions And Methods For
; TREATMENT OF HEPATITIS C VIRUS-ASSOCIATED DISEASES
; NUMBER OF SEQUENCES: 24
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn
; ADDRESSER: Kurtz Mackiewicz & Norris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/453,085
; FILING DATE:
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:

;; APPLICATION NUMBER: US/07/945,289A
;; FILING DATE: 19920910
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Jane Massey Licata
;; REGISTRATION NUMBER: 32,257
;; REFERENCE/DOCKET NUMBER: ISIS-0486
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (215) 568-3100
;; TELEFAX: (215) 568-3439
;; INFORMATION FOR SEQ ID NO: 7:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 21
;; TYPE: Nucleic
;; STRANDEDNESS: Single
;; TOPOLOGY: Linear
;; ANTI-SENSE: Yes
;;
;; US-08-453-085-7

Query Match 0.7%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1204 CCTATCAGGGGGCTGAC 1221
||| |||||
Db 4 CCCCATCAGGGGGCTGGC 21

RESULT 563
US-08-729-043-2/c
; Sequence 2, Application US/08729043
; GENERAL INFORMATION:
; APPLICANT: Leushner, James
; TITLE OF INVENTION: Method, Composition and Kit for Typing
; TITLE OF INVENTION: Classical HLA Class I Genes
; NUMBER OF SEQUENCES: 26
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Oppedahl & Larson
; STREET: 1992 Commerce Street Suite 309
; CITY: Yorktown
; STATE: NY
; COUNTRY: US
; ZIP: 10598
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb storage
; COMPUTER: IBM compatible
; OPERATING SYSTEM: MS DOS
; SOFTWARE: Word Perfect
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/729,043
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Larson, Marina T.
; REGISTRATION NUMBER: 32,038
; REFERENCE/DOCKET NUMBER: VGEN.P-037-US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (914) 245-3252
; TELEFAX: (914) 962-4330
; TELEX:
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; HYPOTHETICAL: no
; ANTI-SENSE: yes
; FRAGMENT TYPE: internal
; ORIGINAL SOURCE:

```
; ORGANISM: human
; FEATURE:
; OTHER INFORMATION: amplification primer for exons 2 and 3 of
; OTHER INFORMATION: HLA-A
US-08-729-043-2
Query Match 0.7%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1175 TTGGGCTCCCGCAGAG 1192
Db 21 TTGCTTCCTCCCGCAGAG 4

RESULT 564
US-08-946-021-24
; Sequence 24, Application US/08946021
; GENERAL INFORMATION:
; APPLICANT: UENO, Takasasa
; TITLE OF INVENTION: Recombinant Human Immunodeficiency Virus Type-I and
; FILE OF INVENTION: Viral Molecular Clone for Production Thereof
; FILE REFERENCE: 3999/64
; CURRENT APPLICATION NUMBER: US/08/946,021
; CURRENT FILING DATE: 1997-10-07
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 24
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: I50V
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-08-946-021-24

Query Match 0.7%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1135 ACCTCCAGCTCCACCTAT 1152
Db 3 ACCTCCAACTCCCCCTAT 20

RESULT 565
US-09-657-472-1936
; Sequence 1936, Application US/09657472
; GENERAL INFORMATION:
; APPLICANT: Lander, Eric S.
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Bolk, Stacey
; APPLICANT: Daley, George O.
; APPLICANT: McCarthy, Jeanette J.
; TITLE OF INVENTION: SINGLE NUCLEOTIDE POLYMORPHISMS IN GENES
; FILE REFERENCE: 2825.1027-001
; CURRENT APPLICATION NUMBER: US/09/657,472
; CURRENT FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/153,357
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: US 60/220,947
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: US 60/225,724
; PRIOR FILING DATE: 2000-08-16
; NUMBER OF SEQ ID NOS: 2551
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1936
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens

US-09-657-472-1936
Query Match 0.7%; Score 14.8; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 4.2e+02;
Matches 16; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 1266 CCTTCAGAGTGGGAGGACA 1285
Db 1 CCTTCAGCAAYGGAGGAAA 20

RESULT 566
US-09-957-837A-24/c
; Sequence 24, Application US/09957837A
; GENERAL INFORMATION:
; APPLICANT: LOUGHEY ET AL
; TITLE OF INVENTION: ATR-2 CELL CYCLE CHECKPOINT
; FILE REFERENCE: 27866/37760
; CURRENT APPLICATION NUMBER: US/09/957,837A
; CURRENT FILING DATE: 2001-09-21
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 24
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer SLQrev
US-09-957-837A-24

Query Match 0.7%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 808 TGTAAAGAAAGCCTGGAG 825
Db 19 TGTAAAGACAGCCTGCAG 2

RESULT 567
US-10-291-046-6/c
; Sequence 6, Application US/10291046
; GENERAL INFORMATION:
; APPLICANT: Yokota, Hiroki
; APPLICANT: Sun, Hin Bin
; APPLICANT: Xu, Zao. C.
; APPLICANT: Ruan, Yiwen
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING
; TITLE OF INVENTION: ISCHEMIC STROKE
; FILE REFERENCE: ARTI-0210
; CURRENT APPLICATION NUMBER: US/10/291,046
; CURRENT FILING DATE: 2002-11-08
; PRIOR APPLICATION NUMBER: 60/339,980
; PRIOR FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 6
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-291-046-6

Query Match 0.7%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 737 AACAGAACCCGTGTGCA 754
Db 21 AACAGAACCCAGTGTGCA 4
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RESULT 568
US-10-303-778-14487/c
; Sequence 1487, Application US/10303778
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICAALLY DETECTABLE GROUP OF NOVEL VIRAL
; TITLE OF INVENTION: REGULATORY GENES AND USES THEREOF
; FILE REFERENCE: 47416
; CURRENT APPLICATION NUMBER: US/10/303,778
; CURRENT FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 17608
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 14487
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-303-778-14487

Query Match          0.7%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1012 CCTGAAGAGGAGGGGAG 1029
      ||||| ||||| |||||
DB 19 CCTGAAGAGGAGGGGAG 2

RESULT 569
US-10-303-778-14711
; Sequence 14711, Application US/10303778
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICAALLY DETECTABLE GROUP OF NOVEL VIRAL
; TITLE OF INVENTION: REGULATORY GENES AND USES THEREOF
; FILE REFERENCE: 47416
; CURRENT APPLICATION NUMBER: US/10/303,778
; CURRENT FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 17608
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 14711
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-303-778-14711

Query Match          0.7%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1088 GCTTCACCCCGCCCTGG 1105
      ||||| ||||| |||||
DB 4 GCTTCACCCCTCTCCCTGG 21

RESULT 570
US-10-303-778-26585/c
; Sequence 26585, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICAALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 26585
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-26585

Query Match          0.7%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1088 GCTTCACCCCGCCCTGG 1105
      ||||| ||||| |||||
DB 4 GCTTCACCCCTCTCCCTGG 21

RESULT 571
US-10-310-188-27432
; Sequence 27432, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICAALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GE
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 27432
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-27432

Query Match          0.7%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1088 GCTTCACCCCGCCCTGG 1105
      ||||| ||||| |||||
DB 4 GCTTCACCCCTCTCCCTGG 21

RESULT 572
US-10-310-188-34870/c
; Sequence 34870, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICAALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GE
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 34870
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-34870

Query Match          0.7%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1244 CCTCCGACCCCATCCCA 1261
      ||||| ||||| |||||
DB 19 CCCCACCCCATCCCA 2

RESULT 573
US-10-751-736-23430/c
; Sequence 23430, Application US/10751736
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
```

```
Best Local Similarity 88.9%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1012 CCTGAAGAGGAGGGGAG 1029
      ||||| ||||| |||||
DB 19 CCTGAAGAGGAGGGGAG 2

RESULT 571
US-10-310-188-27432
; Sequence 27432, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICAALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GE
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 27432
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-27432

Query Match          0.7%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1088 GCTTCACCCCGCCCTGG 1105
      ||||| ||||| |||||
DB 4 GCTTCACCCCTCTCCCTGG 21

RESULT 572
US-10-310-188-34870/c
; Sequence 34870, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICAALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GE
; TITLE OF INVENTION: USES THEREOF
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 34870
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-34870

Query Match          0.7%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1244 CCTCCGACCCCATCCCA 1261
      ||||| ||||| |||||
DB 19 CCCCACCCCATCCCA 2

RESULT 573
US-10-751-736-23430/c
; Sequence 23430, Application US/10751736
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Martinez, Robert
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING COLON
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM100927 (031896-002000)
```



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; CURRENT APPLICATION NUMBER: US/10/751,736
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US Provisional Application 60/438,000
; PRIOR FILING DATE: 2003-01-06
; NUMBER OF SEQ ID NOS: 54873
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 23430
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAl
US-10-751-736-23430

Query Match      0.7%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 980 AGCTCTACTCCATTGTTT 997
Db 21 AACTCTACTCCATTGTTT 4

RESULT 574
US-60-216-745-10265
; Sequence 10265, Application US/60216745
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; APPLICANT: Abderrahim, Hadi
; APPLICANT: Dufauré-Gare, Isabelle
; TITLE OF INVENTION: BIALLELIC MARKER MAPS FOR USE IN CONSTRUCTING A HIGH DENSITY...
; FILE REFERENCE: 84.USI.PRO
; CURRENT APPLICATION NUMBER: US/60/216,745
; CURRENT FILING DATE: 2000-06-30
; NUMBER OF SEQ ID NOS: 13665
; SOFTWARE: Patent.pm
; SEQ ID NO 10265
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-21531 for SEQ 1203, in complete
US-60-216-745-10265

Query Match      0.7%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 4.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 925 CTTTATCCCTCCTCTTC 942
Db 4 CTTTCTCTCCTCTCTTC 21

RESULT 575
US-09-945-505-9
; Sequence 9, Application US/09945505
; GENERAL INFORMATION:
; APPLICANT: Anastasio, Alison E.
; APPLICANT: Chew, Anne
; APPLICANT: Denton, R. Rex
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Parks, Katie E.
; APPLICANT: Stephens, J. Claiborne
; TITLE OF INVENTION: Haplotypes of the TNFRSF1A Gene
; FILE REFERENCE: MWH-0030US
; CURRENT APPLICATION NUMBER: US/09/945,505
; CURRENT FILING DATE: 2001-08-31
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-945-505-22/c
; Sequence 22, Application US/09945505
; GENERAL INFORMATION:
; APPLICANT: Anastasio, Alison E.
; APPLICANT: Chew, Anne
; APPLICANT: Denton, R. Rex
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Parks, Katie E.
; APPLICANT: Stephens, J. Claiborne
; TITLE OF INVENTION: Haplotypes of the TNFRSF1A Gene
; FILE REFERENCE: MWH-0030US
; CURRENT APPLICATION NUMBER: US/09/945,505
; CURRENT FILING DATE: 2001-08-31
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 22
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-945-505-22
```

```
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-945-505-9
Query Match      0.7%; Score 14.6; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 3.2e+02;
Matches 14; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1183 CCCGCGAGAGGGTG 1197
Db 1 CCCGCGAGAGGGTG 15

RESULT 576
US-09-945-505-21
; Sequence 21, Application US/09945505
; GENERAL INFORMATION:
; APPLICANT: Anastasio, Alison E.
; APPLICANT: Chew, Anne
; APPLICANT: Denton, R. Rex
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Parks, Katie E.
; APPLICANT: Stephens, J. Claiborne
; TITLE OF INVENTION: Haplotypes of the TNFRSF1A Gene
; FILE REFERENCE: MWH-0030US
; CURRENT APPLICATION NUMBER: US/09/945,505
; CURRENT FILING DATE: 2001-08-31
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 21
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-945-505-21
Query Match      0.7%; Score 14.6; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 3.2e+02;
Matches 14; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1177 GCGGCTCCCGCAGA 1191
Db 1 GCGGCTCCCGCAGA 15

RESULT 577
US-09-945-505-22/c
; Sequence 22, Application US/09945505
; GENERAL INFORMATION:
; APPLICANT: Anastasio, Alison E.
; APPLICANT: Chew, Anne
; APPLICANT: Denton, R. Rex
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Parks, Katie E.
; APPLICANT: Stephens, J. Claiborne
; TITLE OF INVENTION: Haplotypes of the TNFRSF1A Gene
; FILE REFERENCE: MWH-0030US
; CURRENT APPLICATION NUMBER: US/09/945,505
; CURRENT FILING DATE: 2001-08-31
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 22
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-945-505-22
Query Match      0.7%; Score 14.6; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 3.2e+02;
Matches 14; Conservative 1; Mismatches 0; Indels 0; Gaps 0;

QY 1189 AGAGGTGGCACCACCA 1203
Db 15 ARAGGTGGCACCACCA 1
```

RESULT 578
US-09-945-505A-9
; Sequence 9, Application US/09945505A
; GENERAL INFORMATION:
; APPLICANT: Anastasio, Alison E.
; APPLICANT: Chew, Anne
; APPLICANT: Denton, R. Rex
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Parks, Katie E.
; APPLICANT: Stephens, J. Claiborne
; TITLE OF INVENTION: Haplotypes of the TNFRSF1A Gene
; FILE REFERENCE: MWH-0030US
; CURRENT APPLICATION NUMBER: US/09/945,505A
; CURRENT FILING DATE: 2001-08-31
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: PatentIn Ver. 2.1/text editor
; SEQ ID NO 9
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-945-505A-9

Query Match 0.7%; Score 14.6; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 3.2e+02;
Matches 14; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
QY 1183 CCCCGCAGAGGTG 1197
|||||:|||||
Db 1 CCCCGCAGAGGTG 15

RESULT 579
US-09-945-505A-21
; Sequence 21, Application US/09945505A
; GENERAL INFORMATION:
; APPLICANT: Anastasio, Alison E.
; APPLICANT: Chew, Anne
; APPLICANT: Denton, R. Rex
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Parks, Katie E.
; APPLICANT: Stephens, J. Claiborne
; TITLE OF INVENTION: Haplotypes of the TNFRSF1A Gene
; FILE REFERENCE: MWH-0030US
; CURRENT APPLICATION NUMBER: US/09/945,505A
; CURRENT FILING DATE: 2001-08-31
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: PatentIn Ver. 2.1/text editor
; SEQ ID NO 21
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-945-505A-21

Query Match 0.7%; Score 14.6; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 3.2e+02;
Matches 14; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
QY 1177 GCGGCTCCCGCAGA 1191
|||||:|||||
Db 1 GCGGCTCCCGCAGA 15

RESULT 580
US-09-945-505A-22/c
; Sequence 22, Application US/09945505A
; GENERAL INFORMATION:
; APPLICANT: Anastasio, Alison E.
; APPLICANT: Chew, Anne
; APPLICANT: Denton, R. Rex
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Parks, Katie E.

; APPLICANT: Stephens, J. Claiborne
; TITLE OF INVENTION: Haplotypes of the TNFRSF1A Gene
; FILE REFERENCE: MWH-0030US
; CURRENT APPLICATION NUMBER: US/09/945,505A
; CURRENT FILING DATE: 2001-08-31
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: PatentIn Ver. 2.1/text editor
; SEQ ID NO 22
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-945-505A-22

Query Match 0.7%; Score 14.6; DB 1; Length 15;
Best Local Similarity 93.3%; Pred. No. 3.2e+02;
Matches 14; Conservative 1; Mismatches 0; Indels 0; Gaps 0;
QY 1189 AGAGAGTGGCACCA 1203
|||||:|||||
Db 1 15 ARAGAGTGGCACCA 1

RESULT 581
US-07-954-185A-39/c
; Sequence 39, Application US/07954185A
; GENERAL INFORMATION:
; APPLICANT: Ronnie C. Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; NUMBER OF SEQUENCES: 122
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn
; ADDRESSEE: Kurtz Mackiewicz & Norris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103

COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/954,185A
; FILING DATE: 19920929
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0704
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
US-07-954-185A-39

Query Match 0.7%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1251 CCCCATCCCCAACCCC 1266
|||||:|||||
Db 16 CCCCATCCCCAACCCC 1

RESULT 582
US-07-954-185A-55/c
; Sequence 55, Application US/07954185A
; GENERAL INFORMATION:
; APPLICANT: Ronnie C. Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; TITLE OF INVENTION: Sequence
; NUMBER OF SEQUENCES: 122
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn
; ADDRESSEE: Kurtz Mackiewicz & Norris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/954,185A
; FILING DATE: 19920929
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0704
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 55:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-07-954-185A-55
Query Match 0.7%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1251 CCCCATCCCCAACCCC 1266
Db 16 CCCCAACCCCAACCCC 1
RESULT 583
US-07-954-185A-112/c
; Sequence 112, Application US/07954185A
; GENERAL INFORMATION:
; APPLICANT: Ronnie C. Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; TITLE OF INVENTION: Sequence
; NUMBER OF SEQUENCES: 122
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn
; ADDRESSEE: Kurtz Mackiewicz & Norris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS

SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/954,185A
FILING DATE: 19920929
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISIS-0704
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 112:
SEQUENCE CHARACTERISTICS:
LENGTH: 16
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
US-07-954-185A-112
Query Match 0.7%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1251 CCCCATCCCCAACCCC 1266
Db 16 CCCCAACCCCAACCCC 1
RESULT 584
US-09-299-058-39/c
; Sequence 39, Application US/09299058
; GENERAL INFORMATION:
; APPLICANT: Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & Norris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/299,058
; FILING DATE: 23-Apr-1999
; CLASSIFICATION: N/A
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/403,888
; FILING DATE: 12-JUNE-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 39:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 39:

US-09-299-058-39

Query Match 0.7%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CCCCATCCCCAACCCC 1266
||||| ||||| ||||| ||||| |||||
DB 16 CCCCAACCCCAACCCC 1

RESULT 585

US-09-299-058-55/c
; Sequence 55, Application US/09299058
; GENERAL INFORMATION:
; APPLICANT: Hanecek et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core Sequence

NUMBER OF SEQUENCES: 146
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & Norris LLP
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/299,058
FILING DATE: 23-Apr-1999
CLASSIFICATION: N/A

PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/403,888
FILING DATE: 12-JUNE-1995

ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legaard
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: ISIS-1229
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439

INFORMATION FOR SEQ ID NO: 55:
SEQUENCE CHARACTERISTICS:
LENGTH: 16
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 55:
US-09-299-058-55

Query Match 0.7%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CCCCATCCCCAACCCC 1266
||||| ||||| ||||| ||||| |||||
DB 16 CCCCAACCCCAACCCC 1

RESULT 586

US-09-299-058-112/c
; Sequence 112, Application US/09299058
; GENERAL INFORMATION:
; APPLICANT: Hanecek et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core Sequence

NUMBER OF SEQUENCES: 146
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & Norris LLP

STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103

COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1

CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/299,058
FILING DATE: 23-Apr-1999

CLASSIFICATION: N/A
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/403,888
FILING DATE: 12-JUNE-1995

ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legaard
REGISTRATION NUMBER: 38,534

REFERENCE/DOCKET NUMBER: ISIS-1229
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439

INFORMATION FOR SEQ ID NO: 112:
SEQUENCE CHARACTERISTICS:
LENGTH: 16
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

SEQUENCE DESCRIPTION: SEQ ID NO: 112:
US-09-299-058-112

Query Match 0.7%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CCCCATCCCCAACCCC 1266
||||| ||||| ||||| ||||| |||||
DB 16 CCCCAACCCCAACCCC 1

RESULT 587

US-09-860-784A-144/c
; Sequence 144, Application US/09860784A
; GENERAL INFORMATION:
; APPLICANT: PEYMAN, ANUSCHIRWAN
; TITLE OF INVENTION: G CAP-STABILIZED OLIGONUCLEOTIDES
; FILE REFERENCE: 38005-0149
; CURRENT APPLICATION NUMBER: US/09/860,784A

CURRENT FILING DATE: 2001-05-21
PRIOR APPLICATION NUMBER: 09/631,946
PRIOR FILING DATE: 2000-08-03
PRIOR APPLICATION NUMBER: 09/258,408
PRIOR FILING DATE: 1999-02-26
PRIOR APPLICATION NUMBER: 08/594,452
PRIOR FILING DATE: 1996-01-31
PRIOR APPLICATION NUMBER: DE 195 02 912.7
PRIOR FILING DATE: 1995-01-31

NUMBER OF SEQ ID NOS: 145
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 144
LENGTH: 16
TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: oligonucleotide

US-09-860-784A-144

Query Match 0.7%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 3.7e+02;

```
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CCCCTCCCAACCC 1266
Db 16 CCCCAACCCCAACCC 1

RESULT 588
US-10-707-147-2165
; Sequence 2165, Application US/10707147
; GENERAL INFORMATION:
; APPLICANT: ROSETTA GENOMICS LTD
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL REGULATORY GENES AND
; FILE REFERENCE: 49992
; CURRENT APPLICATION NUMBER: US/10/707,147
; CURRENT FILING DATE: 2003-11-24
; NUMBER OF SEQ ID NOS: 20189
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2165
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-707-147-2165

Query Match 0.7%; Score 14.4; DB 1; Length 16;
Best Local Similarity 93.8%; Pred. No. 3.7e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 752 GCACCTGCCATGCAGG 767
Db 1 GCCTCTGCCATGCAGG 16

RESULT 589
PCT-US02-29102-30
; Sequence 30, Application PC/TUS0229102
; GENERAL INFORMATION:
; APPLICANT: Applied Biosystems
; APPLICANT: Bolchakova, Elena V.
; APPLICANT: Rozzelle, James E.
; TITLE OF INVENTION: A Novel DNA Polymerase from the Thermophilic Thermus Scotoductus
; FILE REFERENCE: 1560.002W01
; CURRENT APPLICATION NUMBER: PCT/US02/29102
; CURRENT FILING DATE: 2002-09-13
; PRIOR APPLICATION NUMBER: US 60/334489
; PRIOR FILING DATE: 2001-11-30
; PRIOR APPLICATION NUMBER: US 60/322218
; PRIOR FILING DATE: 2000-09-14
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 30
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Thermus scotoductus
PCT-US02-29102-30

Query Match 0.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1127 CCACCTTCACCTCCAG 1142
Db 2 CCACCTCCACCTCCAG 17

RESULT 590
PCT-US02-37657-51
; Sequence 51, Application PC/TUS0237657
; GENERAL INFORMATION:
; APPLICANT: APPLERA CORPORATION
; APPLICANT: ROZZELLE, James
; APPLICANT: BOLCHAKOVA, Elena
```

```
; TITLE OF INVENTION: THERMUS BROCKIANUS NUCLEIC ACID POLYMERASES
; FILE REFERENCE: 4768W0
; CURRENT APPLICATION NUMBER: PCT/US02/37657
; CURRENT FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: 60/334,434
; PRIOR FILING DATE: 2001-11-30
; NUMBER OF SEQ ID NOS: 58
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 51
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Thermus brockianus
PCT-US02-37657-51

Query Match 0.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1127 CCACCTTCACCTCCAG 1142
Db 2 CCACCTCCACCTCCAG 17

RESULT 591
PCT-US02-37764-30
; Sequence 30, Application PC/TUS0237764
; GENERAL INFORMATION:
; APPLICANT: APPLERA CORPORATION
; APPLICANT: BOLCHAKOVA, Elena
; APPLICANT: ROZZELLE, James
; TITLE OF INVENTION: Thermus Oshimai Nucleic Acid Polymerases
; FILE REFERENCE: 4777W0
; CURRENT APPLICATION NUMBER: PCT/US02/37764
; CURRENT FILING DATE: 2002-11-22
; PRIOR APPLICATION NUMBER: US 60/334,798
; PRIOR FILING DATE: 2001-11-30
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 30
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Thermus oshimai
PCT-US02-37764-30

Query Match 0.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1127 CCACCTTCACCTCCAG 1142
Db 2 CCACCTCCACCTCCAG 17

RESULT 592
US-09-531-025A-212
; Sequence 212, Application US/09531025A
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Ken
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH00-845-E (247/277)
; CURRENT APPLICATION NUMBER: US/09/531,025A
; CURRENT FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
```

; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6341
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 212
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-531-025A-212

Query Match 0.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 25.0%; Pred. No. 3.9e+02;
Matches 4; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCCTTGGTCCTTT 922
|:::|:::|:::|:::|
Db 2 AUUUUUUUUGUCUUU 17

RESULT 595
US-09-636-385-214
; Sequence 214, Application US/09636385
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MEHB00-845-F (250/125)
; CURRENT APPLICATION NUMBER: US/09/636,385
; CURRENT FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6341
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 214
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-636-385-214

Query Match 0.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 25.0%; Pred. No. 3.9e+02;
Matches 4; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTCCTTGGTCCTTTG 923
|:::|:::|:::|:::|
Db 1 UUUUUUUUGUCUUUG 16

RESULT 596
US-09-696-347-212
; Sequence 212, Application US/09696347
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Ken
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication

; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6341
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 212
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-531-025A-212

Query Match 0.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 25.0%; Pred. No. 3.9e+02;
Matches 4; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCCTTGGTCCTTT 922
|:::|:::|:::|:::|
Db 2 AUUUUUUUUGUCUUU 17

RESULT 593
US-09-531-025A-214
; Sequence 214, Application US/09531025A
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Ken
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MEHB00-845-E (247/277)
; CURRENT APPLICATION NUMBER: US/09/531,025A
; CURRENT FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6341
; SOFTWARE: Patent in version 3.0
; SEQ ID NO 214
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-531-025A-214

Query Match 0.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 25.0%; Pred. No. 3.9e+02;
Matches 4; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTCCTTGGTCCTTTG 923
|:::|:::|:::|:::|
Db 1 UUUUUUUUGUCUUUG 16

RESULT 594
US-09-636-385-212
; Sequence 212, Application US/09636385
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MEHB00-845-F (250/125)
; CURRENT APPLICATION NUMBER: US/09/636,385
; CURRENT FILING DATE: 2000-08-09

```

/ FILE REFERENCE: 400/001
/ CURRENT APPLICATION NUMBER: US/09/696,347
/ CURRENT FILING DATE: 2000-10-24
/ PRIOR APPLICATION NUMBER: US 09/636,385
/ PRIOR FILING DATE: 2000-08-09
/ PRIOR APPLICATION NUMBER: US 09/531,025
/ PRIOR FILING DATE: 2000-03-20
/ PRIOR APPLICATION NUMBER: US 07/882,712
/ PRIOR FILING DATE: 1992-05-14
/ PRIOR APPLICATION NUMBER: US 08/193,627
/ PRIOR FILING DATE: 1994-02-07
/ PRIOR APPLICATION NUMBER: US 08/433,993
/ PRIOR FILING DATE: 1995-05-04
/ PRIOR APPLICATION NUMBER: US 08/434,504
/ PRIOR FILING DATE: 1995-05-04
/ PRIOR APPLICATION NUMBER: US 09/436,430
/ PRIOR FILING DATE: 1999-11-08
/ NUMBER OF SEQ ID NOS: 6389
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 212
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Hepatitis B Virus
/ US-09-696-347-212

```

Query Match 0.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 25.0%; Pred. No. 3.9e+02;
Matches 4; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTGGGCTTT 922
|:::|:::|:::|
pb 2 AUUUUCUUUGUCUUU 17

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RESULT 597
US-09-696-347-214
Sequence 214, Application US/09696347
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
APPLICANT: Draper, Ken
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: Morrissey, Dave
TITLE OF INVENTION: Method and Reagent for
FILE REFERENCE: 400/001
CURRENT APPLICATION NUMBER: US/09/696,347
CURRENT FILING DATE: 2000-10-24
PRIOR APPLICATION NUMBER: US 09/636,385
PRIOR FILING DATE: 2000-08-09
PRIOR APPLICATION NUMBER: US 09/531,025
PRIOR FILING DATE: 2000-03-20
PRIOR APPLICATION NUMBER: US 07/882,712
PRIOR FILING DATE: 1992-05-14
PRIOR APPLICATION NUMBER: US 08/193,627
PRIOR FILING DATE: 1994-02-07
PRIOR APPLICATION NUMBER: US 08/433,993
PRIOR FILING DATE: 1995-05-04
PRIOR APPLICATION NUMBER: US 08/434,504
PRIOR FILING DATE: 1995-05-04
PRIOR APPLICATION NUMBER: US 09/436,430
PRIOR FILING DATE: 1999-11-08
NUMBER OF SEQ ID NOS: 6389
SOFTWARE: PatentIn version 3.0
SEQ ID NO 214
LENGTH: 17
TYPE: RNA
ORGANISM: Hepatitis B Virus
US-09-696-347-214

```

```
Query Match      0.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 25.0%; Pred. No. 3.9e+02;
Matches 4; Conservative 11; Mismatches 1; Indels
```

```

QY      1  908 TTTTCTTGTGCTWTG 923
       : : : : : : : : : : : : : :
Db      1  UUUUCUUUCUUUCUU 16

RESULT 598
US-09-780-533A-810/c
; Sequence 810, Application US/09780533A
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Chowrira, Bharat
; APPLICANT: Haeblerli, Peter
; TITLE OF INVENTION: Method and Reagent for
; FILE REFERENCE: MBH00, 878-A (400/011)
; CURRENT APPLICATION NUMBER: US/09/780,533A
; CURRENT FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: US 60/181,797
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 6679
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 810
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-780-533A-810

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```
Query Match      0.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

Qy 1134 CACCTCCAGCTCCACC 1149
|||
Db 16 CACCTCCAGCTCCTCC 1

```

RESULT 599
US-09-877-478-212
; Sequence 212, Application US/09877478
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBHB00-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 212
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-212

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/325,062
; PRIOR FILING DATE: 2001-09-25
; NUMBER OF SEQ ID NOS: 1123
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 204
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-830-204

Query Match      0.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      879 AGGCACCACAGTGCTG 894
      |||||
DB      2 AGTCACCACAGTGCTG 17

RESULT 602
US-10-060-830-205
; Sequence 205, Application US/10060830
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN LCCL DOMAIN CONTAINING PROTEIN
; FILE REFERENCE: PB0169
; CURRENT APPLICATION NUMBER: US/10/060,830
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/325,062
; PRIOR FILING DATE: 2001-09-25
; NUMBER OF SEQ ID NOS: 1123
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 205
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-830-205

Query Match      0.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      879 AGGCACCACAGTGCTG 894
      |||||
DB      1 AGTCACCACAGTGCTG 16

RESULT 603
US-10-302-817A-51
; Sequence 51, Application US/10302817A
; GENERAL INFORMATION:

```


APPLICANT: ROZZELLE, James
APPLICANT: BOLCHAKOVA, Elena
TITLE OF INVENTION: THERMUS BROCKIANUS NUCLEIC ACID POLYMERASES
FILE REFERENCE: 4768US
CURRENT APPLICATION NUMBER: US/10/302,817A
CURRENT FILING DATE: 2002-11-22
PRIOR FILING DATE: 2001-11-30
NUMBER OF SEQ ID NOS: 58
SOFTWARE: PatentIn version 3.2
SEQ ID NO 51
LENGTH: 17
TYPE: DNA
ORGANISM: Thermus brockianus
US-10-302-817A-51

Query Match 0.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1127 CCACCTTCACCTCCAG 1142
Db 2 CCACCTTCACCTCCAG 17

RESULT 604

US-10-303-109A-30
Sequence 30, Application US/10303109A
GENERAL INFORMATION:
APPLICANT: ROZZELLE, James
APPLICANT: BOLCHAKOVA, Elena
TITLE OF INVENTION: Thermus Oshimai Nucleic Acid Polymerases
FILE REFERENCE: 4777US
CURRENT APPLICATION NUMBER: US/10/303,109A
CURRENT FILING DATE: 2002-11-22
PRIOR FILING DATE: 2001-11-30
NUMBER OF SEQ ID NOS: 39
SOFTWARE: PatentIn version 3.2
SEQ ID NO 30
LENGTH: 17
TYPE: DNA
ORGANISM: Thermus oshimai
US-10-303-109A-30

Query Match 0.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1127 CCACCTTCACCTCCAG 1142
Db 2 CCACCTTCACCTCCAG 17

RESULT 605

US-10-310-188-75196
Sequence 75196, Application US/10310188
GENERAL INFORMATION:
APPLICANT: RosettaGenomics
TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
FILE REFERENCE: 47487
CURRENT APPLICATION NUMBER: US/10/310,188
CURRENT FILING DATE: 2002-12-19
NUMBER OF SEQ ID NOS: 86841
SOFTWARE: PatentIn version 3.1
SEQ ID NO 75196
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-310-188-75196

Query Match 0.7%; Score 14.4; DB 1; Length 17;

Best Local Similarity 93.8%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 835 TTGTGCTACCCGAGA 850
Db 2 TTGTGCTACCCGAGA 17

RESULT 606

US-10-342-902-212
Sequence 212, Application US/10342902
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: Draper, Kenneth
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: Morrissey, Dave
TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
FILE REFERENCE: 400/075 (MBH00-845-I)
CURRENT APPLICATION NUMBER: US/10/342,902
CURRENT FILING DATE: 2003-01-15
PRIOR FILING DATE: 2001-06-08
PRIOR APPLICATION NUMBER: US 09/877,478
PRIOR FILING DATE: 2000-03-20
PRIOR APPLICATION NUMBER: US 09/636,385
PRIOR FILING DATE: 2000-08-09
PRIOR APPLICATION NUMBER: US 09/696,347
PRIOR FILING DATE: 2000-10-24
PRIOR APPLICATION NUMBER: US 08/193,627
PRIOR FILING DATE: 1994-02-07
PRIOR APPLICATION NUMBER: US 07/882,712
PRIOR FILING DATE: 1992-05-14
PRIOR APPLICATION NUMBER: US 09/436,430
NUMBER OF SEQ ID NOS: 6592
SOFTWARE: PatentIn version 3.2
SEQ ID NO 212
LENGTH: 17
TYPE: RNA
ORGANISM: Hepatitis B virus
US-10-342-902-212

Query Match 0.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 25.0%; Pred. No. 3.9e+02;
Matches 4; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTCTGCTTTT 922
Db 2 AUUUUUUUUUUUUUUU 17

RESULT 607

US-10-342-902-214
Sequence 214, Application US/10342902
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: Draper, Kenneth
APPLICANT: Blatt, Larry
APPLICANT: McSwiggen, Jim
APPLICANT: Morrissey, Dave
TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
FILE REFERENCE: 400/075 (MBH00-845-I)
CURRENT APPLICATION NUMBER: US/10/342,902
CURRENT FILING DATE: 2003-01-15
PRIOR FILING DATE: 2001-06-08
PRIOR APPLICATION NUMBER: US 09/877,478
PRIOR FILING DATE: 2000-03-20
PRIOR APPLICATION NUMBER: US 09/636,385
PRIOR FILING DATE: 2000-08-09
PRIOR APPLICATION NUMBER: US 09/696,347
PRIOR FILING DATE: 2000-10-24

; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6592
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 214
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-10-342-902-214

Query Match 0.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 25.0%; Pred. No. 3.9e+02;
Matches 4; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTTCTTTGGTCTTTG 923
Db 1 UUUUUUUUGUCUUUG 16

RESULT 608
US-10-669-841-212
; Sequence 212, Application US/10669841
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Lawrence, Blatt
; APPLICANT: Dennis, Macejak
; APPLICANT: James, McSwiggen
; APPLICANT: David, Morrissey
; APPLICANT: Pamela, Pavco
; APPLICANT: Patricia, Lee
; APPLICANT: Kenneth, Draper
; APPLICANT: Elisabeth, Roberts
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS
; FILE REFERENCE: 400/042US (MBHB02-249-E)
; CURRENT FILING DATE: 2003-09-23
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/335,059
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US 60/337,055
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 09/740,332
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: US 09/504,321
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 09/611,931
; PRIOR FILING DATE: 2000-02-15
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 212
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-10-669-841-212

Query Match 0.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 25.0%; Pred. No. 3.9e+02;
Matches 4; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTCTTTGGTCTTT 922
Db 2 AUUUUUUUUGUCUUU 17

RESULT 609
US-10-669-841-214
; Sequence 214, Application US/10669841
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Lawrence, Blatt
; APPLICANT: Dennis, Macejak
; APPLICANT: James, McSwiggen
; APPLICANT: David, Morrissey
; APPLICANT: Pamela, Pavco
; APPLICANT: Patricia, Lee
; APPLICANT: Kenneth, Draper
; APPLICANT: Elisabeth, Roberts
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS
; FILE REFERENCE: 400/042US (MBHB02-249-E)
; CURRENT FILING DATE: 2003-09-23
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/335,059
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US 60/337,055
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 09/740,332
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: US 09/611,931
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 09/504,321
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 214
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-10-669-841-214

Query Match 0.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 25.0%; Pred. No. 3.9e+02;
Matches 4; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTTCTTTGGTCTTTG 923
Db 1 UUUUUUUUGUCUUUG 16

RESULT 610
US-60-325-062-204
; Sequence 204, Application US/60325062
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; APPLICANT: Nguyen, Chung-Tuong
; TITLE OF INVENTION: HUMAN LCCL DOMAIN CONTAINING PROTEIN
; FILE REFERENCE: AEOICA-22
; CURRENT APPLICATION NUMBER: US/60/325,062
; CURRENT FILING DATE: 2001-09-25
; PRIOR APPLICATION NUMBER: PCT/US01/00667

Tue Mar 2 06:30:00 2004

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 1123
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 204
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-60-325-062-204

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```

Query Match 0.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY 879 AGGCACACAGTGCTG 894
DB 2 AGTCACACAGTGCTG 17

```

```

RESULT 611
US-60-325-062-205
; Sequence 205, Application US/60325062
; GENERAL INFORMATION:
; APPLICANT: Gu, Yizhong
; TITLE OF INVENTION: HUMAN LCCD DOMAIN CONTAINING PROTEIN
; FILE REFERENCE: ACOMICA-22
; CURRENT APPLICATION NUMBER: US/60/325,062
; CURRENT FILING DATE: 2001-09-25
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 1123
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 205
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-60-325-062-205

```

```

Query Match 0.7%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 3.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 879 AGGCACACAGTGCTG 894
DB 1 AGTCACACAGTGCTG 16

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RESULT 612
US-07-954-185A-38/c

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; Sequence 38, Application US/07954185A
; GENERAL INFORMATION:
; APPLICANT: Ronnie C. Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; NUMBER OF SEQUENCES: 122
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn
; ADDRESSEE: Kurtz Mackiewicz & Norris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/954,185A
; FILING DATE: 19920929
; CLASSIFICATION: 514
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER:
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Jane Massey Licata
; REGISTRATION NUMBER: 32,257
; REFERENCE/DOCKET NUMBER: ISIS-0704
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (215) 568-3100
; TELEFAX: (215) 568-3439
; INFORMATION FOR SEQ ID NO: 38:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
US-07-954-185A-38

```

```

Query Match 0.7%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

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QY 1251 CCCCATCCCCAACCCC 1266
DB 18 CCCCAACCCCAACCCC 3

```

```

RESULT 613
US-07-954-185A-54/c
; Sequence 54, Application US/07954185A
; GENERAL INFORMATION:
; APPLICANT: Ronnie C. Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; NUMBER OF SEQUENCES: 122
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn
; ADDRESSEE: Kurtz Mackiewicz & Norris
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM PS/2
; OPERATING SYSTEM: PC-DOS
; SOFTWARE: WORDPERFECT 5.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/07/954,185A

```

FILING DATE: 19920929
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISIS-0704
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 54:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
US-07-954-185A-54

Query Match 0.7%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1251 CCCCATCCCCAACCCC 1266
Db 18 CCCCAACCCCAACCCC 3

RESULT 616
US-08-472-802A-35
Sequence 35, Application US/08472802A
GENERAL INFORMATION:
APPLICANT: Villeponteau, Bryant
APPLICANT: Feng, Junli
APPLICANT: Funk, Walter
APPLICANT: Andrews, William H.
TITLE OF INVENTION: Mammalian Telomerase
NUMBER OF SEQUENCES: 40
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/472,802A
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/272,102
FILING DATE: 07-JUL-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/330,123
FILING DATE: 27-OCT-1994
ATTORNEY/AGENT INFORMATION:
NAME: Storella, John R.
REGISTRATION NUMBER: 32,944
REFERENCE/DOCKET NUMBER: 15389-000820
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 35:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-472-802A-35

Query Match 0.7%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1251 CCCCATCCCCAACCCC 1266
Db 1 CCCCAACCCCAACCCC 16

RESULT 616
US-08-472-802B-35
Sequence 35, Application US/08472802B
GENERAL INFORMATION:
APPLICANT: Villeponteau, Bryant
APPLICANT: Feng, Junli
APPLICANT: Andrews, William H.
TITLE OF INVENTION: Mammalian Telomerase

FILING DATE: 19920929
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISIS-0704
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 54:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
US-07-954-185A-54

Query Match 0.7%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1251 CCCCATCCCCAACCCC 1266
Db 18 CCCCAACCCCAACCCC 3

RESULT 614
US-07-954-185A-111/c
Sequence 111, Application US/07954185A
GENERAL INFORMATION:
APPLICANT: Romlie C. Hanecak et al.
TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
NUMBER OF SEQUENCES: 122
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn
ADDRESS: Kurtz Mackiewicz & Norris
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
COMPUTER: IBM PS/2
OPERATING SYSTEM: PC-DOS
SOFTWARE: WORDPERFECT 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/954,185A
FILING DATE: 19920929
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISIS-0704
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 111:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: NUCLEIC ACID
STRANDEDNESS: single
TOPOLOGY: linear
US-07-954-185A-111

Query Match 0.7%; Score 14.4; DB 1; Length 18;

NUMBER OF SEQUENCES: 43
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/472,802B
FILING DATE: 07-JUN-1995
CLASSIFICATION: 514
PRIOR APPLICATION NUMBER: US 08/272,102
FILING DATE: 07-JUL-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/330,123
FILING DATE: 27-OCT-1994
FILING DATE: 27-OCT-1994
ATTORNEY/AGENT INFORMATION:
NAME: Smith, William M.
REGISTRATION NUMBER: 30,223
REFERENCE/DOCKET NUMBER: 15389-000820
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 35:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
US-08-472-802B-35

Query Match 0.7%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CCCCATCCCCAACCCC 1266
Db 1 CCCCAACCCCAACCCC 16

RESULT 617
US-08-521-634-50
Sequence 50, Application US/08521634
GENERAL INFORMATION:
APPLICANT: Vilpenteau, Bryant
APPLICANT: Feng, Junli
APPLICANT: Funk, Walter
APPLICANT: Andrews, William
TITLE OF INVENTION: Mammalian Telomerase
NUMBER OF SEQUENCES: 66
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew
STREET: One Market Plaza, Steuart Tower, Suite 2000
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94105
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/521,634
FILING DATE: 31-AUG-1995

CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/482,115
FILING DATE: 7-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/472,802
FILING DATE: 7-JUN-1995
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/330,123
FILING DATE: 27-OCT-1994
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/272,102
FILING DATE: 7-JUL-1994
ATTORNEY/AGENT INFORMATION:
NAME: Dunn, Tracy J.
REGISTRATION NUMBER: 34,587
REFERENCE/DOCKET NUMBER: 15389-000850
TELEPHONE: 415-326-2400
TELEFAX: 415-326-2422
INFORMATION FOR SEQ ID NO: 50:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (oligonucleotide)
US-08-521-634-50
Query Match 0.7%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 1251 CCCCATCCCCAACCCC 1266
Db 1 CCCCAACCCCAACCCC 16
RESULT 618
US-09-299-058-38/c
Sequence 38, Application US/09299058
GENERAL INFORMATION:
APPLICANT: Hanecak et al.
TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
Sequence
NUMBER OF SEQUENCES: 146
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & Norris LLP
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: U.S.A.
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: WordPerfect 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/299,058
FILING DATE: 23-Apr-1999
CLASSIFICATION: N/A
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/403,888
FILING DATE: 12-JUNE-1995
ATTORNEY/AGENT INFORMATION:
NAME: Paul K. Legaard
REGISTRATION NUMBER: 38,534
REFERENCE/DOCKET NUMBER: ISIS-1229
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 38:

```
;
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 18
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 38:
US-09-299-058-38

Query Match          0.7%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CCCCATCCCCAACCCC 1266
Db 18 CCCCAACCCCAACCCC 3

RESULT 619
US-09-299-058-54/c
; Sequence 54, Application US/09299058
; GENERAL INFORMATION:
; APPLICANT: Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & Norris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/299,058
; FILING DATE: 23-Apr-1999
; CLASSIFICATION: N/A
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/403,888
; FILING DATE: 12-JUNE-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 54:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 18
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 54:
US-09-299-058-54

Query Match          0.7%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CCCCATCCCCAACCCC 1266
Db 18 CCCCAACCCCAACCCC 3

RESULT 620
US-09-299-058-111/c
; Sequence 111, Application US/09299058
; GENERAL INFORMATION:
```

```
;
; APPLICANT: Hanecak et al.
; TITLE OF INVENTION: Oligonucleotides Having A Conserved G4 Core
; NUMBER OF SEQUENCES: 146
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & Norris LLP
; STREET: One Liberty Place - 46th Floor
; CITY: Philadelphia
; STATE: PA
; COUNTRY: U.S.A.
; ZIP: 19103
; COMPUTER READABLE FORM:
; MEDIUM TYPE: 3.5 inch disk, 1.44 Mb
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: WordPerfect 6.1
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/299,058
; FILING DATE: 23-Apr-1999
; CLASSIFICATION: N/A
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/403,888
; FILING DATE: 12-JUNE-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Paul K. Legaard
; REGISTRATION NUMBER: 38,534
; REFERENCE/DOCKET NUMBER: ISIS-1229
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 215-568-3100
; TELEFAX: 215-568-3439
; INFORMATION FOR SEQ ID NO: 111:
; SEQUENCE CHARACTERISTICS:
;   LENGTH: 18
;   TYPE: nucleic acid
;   STRANDEDNESS: single
;   TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 111:
US-09-299-058-111

Query Match          0.7%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CCCCATCCCCAACCCC 1266
Db 18 CCCCAACCCCAACCCC 3

RESULT 621
US-09-860-784A-145/c
; Sequence 145, Application US/09860784A
; GENERAL INFORMATION:
; APPLICANT: PEYMAN, ANUSCHIRWAN
; TITLE OF INVENTION: G CAP-STABILIZED OLIGONUCLEOTIDES
; FILE REFERENCE: 38005-0149
; CURRENT APPLICATION NUMBER: US/09/860,784A
; PRIOR FILING DATE: 2001-05-21
; PRIOR APPLICATION NUMBER: 09/631,946
; PRIOR FILING DATE: 2000-08-03
; PRIOR APPLICATION NUMBER: 09/258,408
; PRIOR FILING DATE: 1999-02-26
; PRIOR APPLICATION NUMBER: 08/594,452
; PRIOR FILING DATE: 1996-01-31
; PRIOR APPLICATION NUMBER: DE 195 02 912.7
; PRIOR FILING DATE: 1995-01-31
; NUMBER OF SEQ ID NOS: 145
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 145
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-860-784A-145

Query Match 0.7%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CCCCATCCCCAACCCC 1266
||||| ||||| |||||
Db 18 CCCCAACCCCAACCCC 3

RESULT 622

US-09-947-659-9/c
; Sequence 9, Application US/09947659
; GENERAL INFORMATION:
; APPLICANT: CHABOT, Benoit
; TITLE OF INVENTION: COMPOSITION AND METHODS FOR MODULATING THE LENGTH OF
; FILE REFERENCE: 13024.2
; CURRENT APPLICATION NUMBER: US/09/947,659
; CURRENT FILING DATE: 2001-09-06
; PRIOR APPLICATION NUMBER: US 09/214,178
; PRIOR FILING DATE: 1999-02-25
; PRIOR APPLICATION NUMBER: PCT/CA97/00471
; PRIOR FILING DATE: 1997-06-30
; PRIOR APPLICATION NUMBER: 60/020,956
; PRIOR FILING DATE: 1996-07-01
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide
US-09-947-659-9

Query Match 0.7%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CCCCATCCCCAACCCC 1266
||||| ||||| |||||
Db 18 CCCCAACCCCAACCCC 3

RESULT 623

US-09-947-659A-14/c
; Sequence 14, Application US/09947659A
; GENERAL INFORMATION:
; APPLICANT: Chabot, Benoit
; TITLE OF INVENTION: Composition and Methods For Modulating
; FILE REFERENCE: 50213/002002
; CURRENT APPLICATION NUMBER: US/09/947,659A
; CURRENT FILING DATE: 2001-09-06
; PRIOR APPLICATION NUMBER: US 09/214,178
; PRIOR FILING DATE: 1999-02-25
; PRIOR APPLICATION NUMBER: PCT/CA97/00471
; PRIOR FILING DATE: 1997-06-30
; PRIOR APPLICATION NUMBER: US 60/020,956
; PRIOR FILING DATE: 1996-07-01
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 14
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide

US-09-947-659A-14

Query Match 0.7%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CCCCATCCCCAACCCC 1266
||||| ||||| |||||
Db 18 CCCCAACCCCAACCCC 3

RESULT 624

US-10-293-338-7219/c
; Sequence 7219, Application US/10293338
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY GENES AN
; FILE REFERENCE: 45282
; CURRENT APPLICATION NUMBER: US/10/293,338
; CURRENT FILING DATE: 2002-11-14
; NUMBER OF SEQ ID NOS: 8785
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7219
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-293-338-7219

Query Match 0.7%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1089 CTTGACCCCAACCCG 1104
||||| ||||| |||||
Db 17 CTTGACCCCAACCCG 2

RESULT 625

US-10-303-778-5003/c
; Sequence 5003, Application US/10303778
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL
; FILE REFERENCE: 47416
; CURRENT APPLICATION NUMBER: US/10/303,778
; CURRENT FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 17608
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5003
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-303-778-5003

Query Match 0.7%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1252 CCCCATCCCCAACCCC 1267
||||| ||||| |||||
Db 17 CCCCAACCCCAACCCC 2

RESULT 626

US-10-310-188-10531/c
; Sequence 10531, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GI
; FILE REFERENCE: 47487

; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10531
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-188-10531

Query Match 0.7%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1252 CCCATCCCAACCC 1267
| | | | | | | | | | | | | | | | | | | | | |
DB 17 CCCAGCCCAACCC 2

RESULT 627

US-10-188-12096/c
; Sequence 12096, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12096
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-310-188-12096

Query Match 0.7%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 890 TGCTGTGCCCTGGT 905
| | | | | | | | | | | | | | | | | | | | | |
DB 17 TGCTGTGCCCTGGT 2

RESULT 628

US-10-359-935-35
; Sequence 35, Application US/10359935
; GENERAL INFORMATION:
; APPLICANT: Villeponteau, Bryant
; Feng, Junli
; Funk, Walter
; Andrews, William H.
; TITLE OF INVENTION: Mammalian Telomerase
; NUMBER OF SEQUENCES: 42
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Townsend and Townsend and Crew LLP
; STREET: Two Embarcadero Center, Eighth Floor
; CITY: San Francisco
; STATE: California
; COUNTRY: USA
; ZIP: 94111-3834

COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/359,935
; FILING DATE: 07-Feb-2003
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US/09/057,351
; FILING DATE: 08-APR-1994
; APPLICATION NUMBER: US 08/272,102
; FILING DATE: 07-JUL-1994
; APPLICATION NUMBER: US 08/330,123
; FILING DATE: 27-OCT-1994
; APPLICATION NUMBER: US 08/472,802
; FILING DATE: 07-JUN-1995
; ATTORNEY/AGENT INFORMATION:
; NAME: Storella, John R.
; REGISTRATION NUMBER: 32,944
; REFERENCE/DOCKET NUMBER: 015389-000821US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 576-0200
; TELEFAX: (415) 576-0300

; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 35:
US-10-359-935-35

Query Match 0.7%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CCCCATCCCAACCC 1266
| | | | | | | | | | | | | | | | | | | | | |
DB 1 CCCCAACCCCAACCC 16

RESULT 629

US-60-216-745-5704/c
; Sequence 5704, Application US/60216745
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; APPLICANT: Abderrahim, Hadi
; APPLICANT: Dufaire-Gare, Isabelle
; TITLE OF INVENTION: BIALLELIC MARKER MAPS FOR USE IN CONSTRUCTING A HIGH DENSITY...
; FILE REFERENCE: 84 US1.PRO
; CURRENT APPLICATION NUMBER: US/60/216,745
; CURRENT FILING DATE: 2000-06-30
; NUMBER OF SEQ ID NOS: 13665
; SOFTWARE: Patent.pm
; SEQ ID NO 5704
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-20392 for SEQ 1173,
US-60-216-745-5704

Query Match 0.7%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 4.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 728 GCCAGGAGAACAGAA 743
| | | | | | | | | | | | | | | | | | | | | |
DB 17 GACAGGAGAACAGAA 2

RESULT 630

US-09-453-607A-3263/c
; Sequence 3263, Application US/09453607A
; GENERAL INFORMATION:
; APPLICANT: Immusol, Inc. et al.


```

; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT AND/OR PREVENTION OF RESTENOSIS
; FILE REFERENCE: 480124.406
; CURRENT APPLICATION NUMBER: US/09/453.607A
; CURRENT FILING DATE: 1999-12-06
; NUMBER OF SEQ ID NOS: 4388
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3263
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin B1 ribozyme binding site
US-09-453-607A-3263

Query Match      0.7%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 4.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 733 GAGAAACAGAACACCG 748
Db 19 GAGAAGCAGAACACCG 4

RESULT 631
US-09-453-607C-3263/c
; Sequence 3263, Application US/09453607C
; GENERAL INFORMATION:
; APPLICANT: Immusol, Inc. et al.
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT AND/OR PREVENTION OF
; FILE REFERENCE: 480124.406
; CURRENT APPLICATION NUMBER: US/09/453.607C
; CURRENT FILING DATE: 1999-12-07
; NUMBER OF SEQ ID NOS: 4389
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3263
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin B1 ribozyme binding site
US-09-453-607C-3263

Query Match      0.7%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 4.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 733 GAGAAACAGAACACCG 748
Db 19 GAGAAGCAGAACACCG 4

RESULT 632
US-09-696-791-3263/c
; Sequence 3263, Application US/09696791
; GENERAL INFORMATION:
; APPLICANT: Robbins, Joan M.
; APPLICANT: Tritz, Richard
; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE
; FILE REFERENCE: 480124.407
; CURRENT APPLICATION NUMBER: US/09/696.791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3263
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin B1 ribozyme binding site
US-09-696-791-3263

; TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT AND/OR PREVENTION OF RESTENOSIS
; FILE REFERENCE: 480124.406
; CURRENT APPLICATION NUMBER: US/09/453.607A
; CURRENT FILING DATE: 1999-12-06
; NUMBER OF SEQ ID NOS: 4388
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3263
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cyclin B1 ribozyme binding site
US-09-453-607A-3263

Query Match      0.7%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 4.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 733 GAGAAACAGAACACCG 748
Db 19 GAGAAGCAGAACACCG 4

RESULT 633
US-09-702-690-10
; Sequence 10, Application US/09702690
; GENERAL INFORMATION:
; APPLICANT: Vinavagamoorthy, Thuraiayah
; TITLE OF INVENTION: Multi-Loci Genomic Analysis
; FILE REFERENCE: 44747-A
; CURRENT APPLICATION NUMBER: US/09/702.690
; CURRENT FILING DATE: 2000-11-01
; PRIOR APPLICATION NUMBER: US 09/165,264
; PRIOR FILING DATE: 1998-10-01
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 10
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Primer sequence
US-09-702-690-10

Query Match      0.7%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 4.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1198 GCACCACCCCTATCAGG 1213
Db 4 GCAGCACCCCTATCAGG 19

RESULT 634
US-10-244-647-606
; Sequence 606, Application US/10244647
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; FILE REFERENCE: 400/060 (MBH02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 606
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense
US-10-244-647-606

Query Match      0.7%; Score 14.4; DB 1; Length 19;
Best Local Similarity 25.0%; Pred. No. 4.4e+02;
Matches 4; Conservative 11; Mismatches 1; Indels 0; Gaps 0;
```

```
QY 908 TTTTCTTTGGTCTTTG 923
Db 1 UUUUCUUUGUCUUUG 16

RESULT 635
US-10-244-647-644
; Sequence 644, Application US/10244647
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; FILE REFERENCE: 400/060 (MBHB02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 644
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense
US-10-244-647-644

Query Match 0.7%; Score 14.4; DB 1; Length 19;
Best Local Similarity 25.0%; Pred. No. 4.4e+02;
Matches 4; Conservative 11; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTTCTTTGGTCTTT 922
Db 4 AUUUUCUUUGUCUUU 19

RESULT 636
US-10-244-647-1252/c
; Sequence 1252, Application US/10244647
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; FILE REFERENCE: 400/060 (MBHB02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1252
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-244-647-1252

Query Match 0.7%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 4.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTTCTTTGGTCTTT 922
Db 16 ATTTTCTTTGTCTTT 1

RESULT 638
US-10-303-778-64/c
; Sequence 64, Application US/10303778
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL
; FILE REFERENCE: 47416
; CURRENT APPLICATION NUMBER: US/10/303,778
; CURRENT FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 17608
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 64
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-303-778-64

Query Match 0.7%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 4.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTTCTTTGGTCTTTG 923
Db 19 TTTTCTTTGTCTTTG 4

RESULT 637
US-10-244-647-1290/c
; Sequence 1290, Application US/10244647
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceutical, Inc.
; APPLICANT: Morrissey, David
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Hepatitis B Virus (HBV)
; FILE REFERENCE: 400/060 (MBHB02-1000)
; CURRENT APPLICATION NUMBER: US/10/244,647
; CURRENT FILING DATE: 2003-04-14
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: PCT US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; NUMBER OF SEQ ID NOS: 1524
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1290
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-244-647-1290

Query Match 0.7%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 4.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 907 ATTTTCTTTGGTCTTT 922
Db 16 ATTTTCTTTGTCTTT 1

RESULT 638
US-10-303-778-64/c
; Sequence 64, Application US/10303778
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICALLY DETECTABLE GROUP OF NOVEL VIRAL
; FILE REFERENCE: 47416
; CURRENT APPLICATION NUMBER: US/10/303,778
; CURRENT FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 17608
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 64
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-303-778-64

Query Match 0.7%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 4.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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```
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1082 CTCGAGGCTTCACCC 1097
Db 19 CTCGAGGCTTCACCC 4

RESULT 639
US-10-310-188-2600/c
; Sequence 2600, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2600
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-2600

Query Match 0.7%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 4.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1140 CAGCTCCACCTATACC 1155
Db 19 CAGCTCCACCTTACC 4

RESULT 640
US-10-310-188-78648/c
; Sequence 78648, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENES
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 78648
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-78648

Query Match 0.7%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 4.4e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1251 CCCCATCCCCAACCCC 1266
Db 16 CCCCATCCCCAGCCCC 1

RESULT 641
PCT-US00-06745-137
; Sequence 137, Application PC/TUS0006745
; GENERAL INFORMATION:
; APPLICANT: University of British Columbia
; APPLICANT: Xenon Bioresearch, Inc.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING
; TITLE OF INVENTION: CHOLESTEROL LEVELS
; FILE REFERENCE: 50110/002W05
; CURRENT APPLICATION NUMBER: PCT/US00/06745
; CURRENT FILING DATE: 2000-04-15
; PRIOR APPLICATION NUMBER: 60/124,702
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; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 137
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US00-06745-137

Query Match 0.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1070 GCTTCAGTCCCACTCC 1085
Db 1 GCTTCAGTCCCACTCC 16

RESULT 642
PCT-US01-05484A-54/c
; Sequence 54, Application PC/TUS0105484A
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: Ian Popoff
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 3 EXPRESSION
; FILE REFERENCE: RTSP-0113
; CURRENT APPLICATION NUMBER: PCT/US01/05484A
; CURRENT FILING DATE: 2001-02-21
; PRIOR APPLICATION NUMBER: 09/513,729
; PRIOR FILING DATE: 2000-02-24
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 54
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US01-05484A-54

Query Match 0.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1021 GAGGGGAGCTTGAG 1036
Db 20 GAGGGGAGCTTGAG 5

RESULT 643
US-09-230-521A-134/c
; Sequence 134, Application US/09230521A
; GENERAL INFORMATION:
; APPLICANT: WRIGHT, Jim A.
; APPLICANT: YOUNG, Alping H.
; TITLE OF INVENTION: ANTITUMOR ANTISENSE SEQUENCES DIRECTED
; TITLE OF INVENTION: AGAINST R1 AND R2 COMPONENTS OF RIBONUCLEOTIDE REDUCTASE
; NUMBER OF SEQUENCES: 163
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Burns, Doane, Swecker & Mathis, L.L.P.
; STREET: 3000 Sand Hill Road, Bldg. 4, Suite 160
; CITY: Menlo Park
; STATE: California
; COUNTRY: United States
; ZIP: 94025-7116
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/230,521A
FILING DATE: 27-JAN-1999
CLASSIFICATION: 514
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/CA97/00540
FILING DATE: 01-AUG-1997
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/023,040
FILING DATE: 02-AUG-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/039,959
FILING DATE: 07-MAR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Mooi, Leslie A.
REGISTRATION NUMBER: 37,047
REFERENCE/DOCKET NUMBER: 032396-036
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 854-7400
TELEFAX: (650) 854-8275
INFORMATION FOR SEQ ID NO: 134:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "Oligonucleotide"
US-09-230-521A-134

Query Match          0.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTTCTTGGTCTTTG 923
DB 18 TTTTCTTGGTCTTTG 3

RESULT 644
US-09-230-521-134/c
Sequence 134, Application US/09230521B
GENERAL INFORMATION:
APPLICANT: WRIGHT, Jim A.
TITLE OF INVENTION: ANTIMUTOR ANTISENSE SEQUENCES DIRECTED
AGAINST R1 AND R2 COMPONENTS OF RIBONUCLEOTIDE REDUCTASE
NUMBER OF SEQUENCES: 163
CORRESPONDENCE ADDRESS:
ADDRESSEE: Burns, Doane, Swecker & Mathis, L.L.P.
STREET: 3000 Sand Hill Road, Bldg. 4, Suite 160
CITY: Menlo Park
STATE: California
COUNTRY: United States
ZIP: 94025-7116
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/230,521B
FILING DATE: 27-Jan-1999
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: WO PCT/CA97/00540
FILING DATE: 01-AUG-1997
APPLICATION NUMBER: US 60/023,040
FILING DATE: 02-AUG-1996
APPLICATION NUMBER: US 60/039,959
```

```
FILING DATE: 07-MAR-1997
ATTORNEY/AGENT INFORMATION:
NAME: Mooi, Leslie A.
REGISTRATION NUMBER: 37,047
REFERENCE/DOCKET NUMBER: 032396-036
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 854-7400
TELEFAX: (650) 854-8275
INFORMATION FOR SEQ ID NO: 134:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "Oligonucleotide"
SEQUENCE DESCRIPTION: SEQ ID NO: 134:
US-09-230-521-134

Query Match          0.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTTCTTGGTCTTTG 923
DB 18 TTTTCTTGGTCTTTG 3

RESULT 645
US-09-297-017A-10/c
Sequence 10, Application US/09297017A
GENERAL INFORMATION:
APPLICANT: JAIN, RAVINDER K.
APPLICANT: THOMPSON, ROBERTA G.
APPLICANT: ROWLAND, GORDON G.
APPLICANT: MCHUGHEN, ALAN G.
APPLICANT: MACKENZIE, SAMUEL L.
APPLICANT: TAYLOR, DAVID C.
TITLE OF INVENTION: FLAX PROMOTERS FOR MANIPULATING GENE EXPRESSION
FILE REFERENCE: 10670-1
CURRENT APPLICATION NUMBER: US/09/297,017A
CURRENT FILING DATE: 1999-06-18
PRIOR APPLICATION NUMBER: PCT/CA97/00812
PRIOR FILING DATE: 1997-10-30
PRIOR APPLICATION NUMBER: 60/029,416
PRIOR FILING DATE: 1996-10-31
NUMBER OF SEQ ID NOS: 11
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 10
LENGTH: 20
TYPE: DNA
ORGANISM: Linum usitatissimum
US-09-297-017A-10

Query Match          0.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1122 CAGTTCCACCTTCACC 1137
DB 18 CAGTTCCACCTTCACC 3

RESULT 646
US-09-451-673-134/c
Sequence 134, Application US/09451673
GENERAL INFORMATION:
APPLICANT: Wright, Jim A.
APPLICANT: Young, Aiping H.
TITLE OF INVENTION: ANTIMUTOR ANTISENSE SEQUENCES DIRECTED
AGAINST RIBONUCLEOTIDE REDUCTASE
NUMBER OF SEQUENCES: 163
CORRESPONDENCE ADDRESS:
```

```
; ADDRESSEE: KOHN & ASSOCIATES
; STREET: 30500 Northwestern Hwy. Suite 410
; CITY: Farmington Hills
; STATE: Michigan
; COUNTRY: US
; ZIP: 48334
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/451,673
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/904,901
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Kohn, Kenneth I.
; REGISTRATION NUMBER: 30,955
; REFERENCE/DOCKET NUMBER: 0227.00004
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (248) 539-5050
; TELEFAX: (248) 539-5055
; INFORMATION FOR SEQ ID NO: 134:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: other nucleic acid
; ANTI-SENSE: YES
US-09-451-673-134

Query Match 0.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTTCTTGGCTTTG 923
DB 18 TTTTCTTGGCTTTG 3

RESULT 647
US-09-513-729-54/c
; Sequence 54, Application US/09513729A
; GENERAL INFORMATION:
; APPLICANT: Ian Popoff
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2F TRANSCRIPTION FACTOR 3 EXPRESSION
; FILE REFERENCE: RFS-0112
; CURRENT APPLICATION NUMBER: US/09/513,729A
; CURRENT FILING DATE: 2000-02-24
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 54
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-513-729-54

Query Match 0.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1021 GAGGGGGAGCTTGAAG 1036
DB 20 GAGGGGGAGCTTGAAG 5

RESULT 648
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```
US-09-703-708-13380
; Sequence 13380, Application US/09703708
; GENERAL INFORMATION:
; APPLICANT: Bower, Stanley G.
; APPLICANT: Hinkle, Gregory J.
; TITLE OF INVENTION: Xanthomonas campestris Genome Sequences and Uses Thereof
; FILE REFERENCE: 38-10(15804)C
; CURRENT APPLICATION NUMBER: US/09/703,708
; CURRENT FILING DATE: 2000-11-02
; PRIOR APPLICATION NUMBER: US 60/164,320
; PRIOR FILING DATE: 1999-11-10
; PRIOR APPLICATION NUMBER: US 60/183,791
; PRIOR FILING DATE: 2000-02-22
; NUMBER OF SEQ ID NOS: 18992
; SEQ ID NO 13380
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Xanthomonas campestris
US-09-703-708-13380

Query Match 0.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1131 CTTCACTCCAGCTCC 1146
DB 5 CTTCACTCCAGCTTC 20

RESULT 649
US-10-130-915-55/c
; Sequence 55, Application US/10130915
; GENERAL INFORMATION:
; APPLICANT: Scuyver, Lieven
; APPLICANT: Schinazi, Raymond
; APPLICANT: De Gendt, Sija
; APPLICANT: Van Geyt, Carolina
; APPLICANT: Zoulim, Fabien
; APPLICANT: Fried, Michael
; APPLICANT: Rossau, Rudi
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR A NEW
; TITLE OF INVENTION: GENOTYPE OF HEPATITIS B VIRUS
; FILE REFERENCE: 16117.0001U2
; CURRENT APPLICATION NUMBER: US/10/130,915
; CURRENT FILING DATE: 2002-05-23
; PRIOR APPLICATION NUMBER: PCT/US00/32108
; PRIOR FILING DATE: 2000-11-21
; PRIOR APPLICATION NUMBER: 60/167,206
; PRIOR FILING DATE: 1999-11-24
; NUMBER OF SEQ ID NOS: 63
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Note:
; OTHER INFORMATION: Artificial Sequence = synthetic construct
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 3
; OTHER INFORMATION: Note: n = a or g
US-10-130-915-55

Query Match 0.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 907 ATTTCTTTGGCTTTG 923
DB 17 ATTTCTTTGGCTTTG 1
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RESULT 650
US-10-266-090-46007/c
; Sequence 46007, Application US/10266090
; GENERAL INFORMATION:
; APPLICANT: GOFF, STEPHEN
; APPLICANT: BONAN, CAROLINE
; APPLICANT: COLBERT, MICHELLE
; APPLICANT: WANG, RONG-LIN
; TITLE OF INVENTION: CEREAL TRINUCLEOTIDE SIMPLE SEQUENCE
; TITLE OF INVENTION: REPEAT MARKERS AND THEIR USES
; FILE REFERENCE: NADII.058C1
; CURRENT FILING DATE: 2002-10-03
; CURRENT APPLICATION NUMBER: US 10/266,090
; PRIOR FILING DATE: 2002-10-03
; PRIOR APPLICATION NUMBER: US 10/260,703
; PRIOR FILING DATE: 2002-09-26
; PRIOR APPLICATION NUMBER: US 60/326,117
; PRIOR FILING DATE: 2001-09-26
; NUMBER OF SEQ ID NOS: 51812
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 46007
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR PRIMER FOR SEQUENCE FROM ORYZA SATIVA
US-10-266-090-46007

Query Match      0.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 911 TCTTGGTCTTTCCT 926
Db 16 TCTTGGTCTTTCCT 1

RESULT 651
US-10-303-778-4628/c
; Sequence 4628, Application US/10303778
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICAALLY DETECTABLE GROUP OF NOVEL VIRAL
; FILE REFERENCE: 47416
; CURRENT APPLICATION NUMBER: US/10/303,778
; CURRENT FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 17608
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4628
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-303-778-4628

Query Match      0.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1252 CCATCCCAACCC 1267
Db 16 CCAGCCCCAACCC 1

RESULT 652
US-10-310-188-9668/c
; Sequence 9668, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATICAALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GENE
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
```

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; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 9668
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-9668

Query Match      0.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1252 CCATCCCAACCC 1267
Db 16 CCAGCCCCAACCC 1

RESULT 653
US-10-447-136-134/c
; Sequence 134, Application US/10447136
; GENERAL INFORMATION:
; APPLICANT: WRIGHT, Jim A.
; TITLE OF INVENTION: Antitumor Antisense Sequences Directed Against R1 and
; FILE REFERENCE: 032396-023
; CURRENT APPLICATION NUMBER: US/10/447,136
; CURRENT FILING DATE: 2003-05-29
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/249,247
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-02-11
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/023,040
; PRIOR FILING DATE: EARLIER FILING DATE: 1996-08-02
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/039,959
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-03-07
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 08/904,901
; NUMBER OF SEQ ID NOS: 220
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 134
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
US-10-447-136-134

Query Match      0.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 908 TTTTCTTTGCTTTG 923
Db 18 TTTTCTTTGCTTTG 3

RESULT 654
US-10-452-510-137
; Sequence 137, Application US/10452510
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-93
; CURRENT APPLICATION NUMBER: US/10/452,510
; CURRENT FILING DATE: 2003-06-02
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
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; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 137
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-452-510-137

Query Match          0.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1070 GCTTCAGTCCCACTCC 1085
Db 1 GCTTAAGTCCCACTCC 16

RESULT 655
US-10-617-334-137
; Sequence 137, Application US/10617334
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-91
; CURRENT APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2003-07-10
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: PatentIn 3.0
; SEQ ID NO 137
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-617-334-137

Query Match          0.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1070 GCTTCAGTCCCACTCC 1085
Db 1 GCTTAAGTCCCACTCC 16

RESULT 656
US-10-744-465-137
; Sequence 137, Application US/10744465
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
; APPLICANT: Pimstone, Simon N.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-92
; CURRENT APPLICATION NUMBER: US/10/744,465
; CURRENT FILING DATE: 2003-12-23
; PRIOR APPLICATION NUMBER: 10/617,334
; PRIOR FILING DATE: 2003-07-10
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08

; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 137
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-452-510-137

Query Match          0.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1070 GCTTCAGTCCCACTCC 1085
Db 1 GCTTAAGTCCCACTCC 16

RESULT 657
US-60-164-320-13380
; Sequence 13380, Application US/60164320
; GENERAL INFORMATION:
; APPLICANT: Bower, Stanley G.
; APPLICANT: Hinkle, Gregory J.
; TITLE OF INVENTION: Xanthomonas campestris Genome Sequences and Uses Thereof
; FILE REFERENCE: 38-10(15804)A
; CURRENT APPLICATION NUMBER: US/60/164,320
; CURRENT FILING DATE: 1999-11-10
; NUMBER OF SEQ ID NOS: 18992
; SEQ ID NO 13380
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Xanthomonas campestris
US-60-164-320-13380

Query Match          0.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1131 CTTCACTCCAGCTCC 1146
Db 5 CTTCACTCCAGCTTC 20

RESULT 658
US-60-183-791-13380
; Sequence 13380, Application US/60183791
; GENERAL INFORMATION:
; APPLICANT: Bower, Stanley G.
; APPLICANT: Hinkle, Gregory J.
; TITLE OF INVENTION: Xanthomonas campestris Genome Sequences and Uses Thereof
; FILE REFERENCE: 38-10(15804)B
; CURRENT APPLICATION NUMBER: US/60/183,791
; CURRENT FILING DATE: 2000-02-22
; NUMBER OF SEQ ID NOS: 18992
; SEQ ID NO 13380
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Xanthomonas campestris
US-60-183-791-13380

Query Match          0.7%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 4.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 1131 CTTCACTCCAGCTCC 1146
Db 5 CTTCACTCCAGCTTC 20
```

RESULT 659
PCT-US00-19644A-276/c
; Sequence 276, Application PC/TUS0019644A
; GENERAL INFORMATION:
; APPLICANT: Genaisance Pharmaceuticals
; APPLICANT: Denton, R. Rex
; APPLICANT: Nandabalan, Krishnan
; APPLICANT: Stephens, J. Claiborne
; APPLICANT: Chew, Anne
; APPLICANT: Duda, Amy
; TITLE OF INVENTION: DRUG TARGET ISOGENES: POLYMORPHISMS IN THE DOPAMINE
; TITLE OF INVENTION: RECEPTOR D2 GENE
; FILE REFERENCE: DRD2PCT
; CURRENT APPLICATION NUMBER: PCT/US00/19644A
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 60/144,493
; PRIOR FILING DATE: 1999-07-19
; NUMBER OF SEQ ID NOS: 281
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 276
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
PCT-US00-19644A-276

Query Match 0.7%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1128 CACTTCACCTCCAGCTCC 1146
Db 19 CATCTCATCTCCAGCTCC 1

RESULT 660
PCT-US03-03473-267
; Sequence 267, Application PC/TUS0303473
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Platelet Derived Growth
; TITLE OF INVENTION: Factor (PDGF) and Platelet Derived Growth Factor Receptor (PDGFR)
; TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 03-073 (400/092)
; CURRENT APPLICATION NUMBER: PCT/US03/03473
; PRIOR FILING DATE: 2003-04-25
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2003-01-15
; NUMBER OF SEQ ID NOS: 672
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 267
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
PCT-US03-03473-267

Query Match 0.7%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Best Local Similarity 73.7%; Pred. No. 4.7e+02;
Matches 14; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 867 CACTGAGGACTCAGGCACC 885
Db 1 CUCUGGGACUCAGGAACC 19

RESULT 661
PCT-US03-03473-578/c
; Sequence 578, Application PC/TUS0303473
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Chowrira, Bharat
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Platelet Derived Growth
; TITLE OF INVENTION: Factor (PDGF) and Platelet Derived Growth Factor Receptor (PDGFR)
; TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 03-073 (400/092)
; CURRENT APPLICATION NUMBER: PCT/US03/03473
; PRIOR FILING DATE: 2003-04-25
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; NUMBER OF SEQ ID NOS: 672
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 578
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
PCT-US03-03473-578

Query Match 0.7%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 867 CACTGAGGACTCAGGCACC 885
Db 19 CTCTGGGACTCAGGAACC 1

RESULT 662
PCT-US03-04402-81/c
; Sequence 81, Application PC/TUS0304402
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Haerberli, Peter
; APPLICANT: Usman, Nassim
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Polycomb Group Protein
; TITLE OF INVENTION: EZH2 Gene Expression Using Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/093 (WBHB 03-074)
; CURRENT APPLICATION NUMBER: PCT/US03/04402
; PRIOR FILING DATE: 2003-02-13
; PRIOR APPLICATION NUMBER: US 60/427,467
; PRIOR FILING DATE: 2002-11-19
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20

PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 346
SOFTWARE: PatentIn version 3.2
SEQ ID NO 81
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siRNA sense
PCT-US03-04402-81

Query Match 0.7%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1068 AAGCTTCAGTCCCACTCCA 1086
DB 19 AGGCTTCAGCACACTCCA 1

RESULT 663
PCT-US03-04402-229
Sequence 229, Application PC/TUS0304402
GENERAL INFORMATION:
APPLICANT: Moderna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Beigelman, Leonid
APPLICANT: Haeblerli, Peter
APPLICANT: Usman, Nassim
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Polycomb Group Protein
FILE REFERENCE: 400/093 (MBHB 03-074)
CURRENT APPLICATION NUMBER: PCT/US03/04402
CURRENT FILING DATE: 2003-02-13
PRIOR APPLICATION NUMBER: US 60/427,467
PRIOR FILING DATE: 2002-11-19
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
NUMBER OF SEQ ID NOS: 346
SOFTWARE: PatentIn version 3.2
SEQ ID NO 229
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siRNA antisense region
PCT-US03-04402-229

Query Match 0.7%; Score 14.2; DB 1; Length 19;
Best Local Similarity 68.4%; Pred. No. 4.7e+02;

Matches 13; Conservative 3; Mismatches 3; Indels 0; Gaps 0;
QY 1068 AAGCTTCAGTCCCACTCCA 1086
DB 1 AGGCTTCAGCACACTCCA 19

RESULT 664
US-09-453-607A-3527/c
Sequence 3527, Application US/09453607A
GENERAL INFORMATION:
APPLICANT: Immusol, Inc. et al.
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT AND/OR PREVENTION OF RESTENOSIS
FILE REFERENCE: 480124.406
CURRENT APPLICATION NUMBER: US/09/453,607A
CURRENT FILING DATE: 1999-12-06
NUMBER OF SEQ ID NOS: 4389
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 3527
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: Cdc25 hs ribozyme binding site
US-09-453-607A-3527

Query Match 0.7%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 729 CCAGGAGAAACAGACACC 747
DB 19 CCAGGAGAAACAAACACC 1

RESULT 665
US-09-453-607C-3527/c
Sequence 3527, Application US/09453607C
GENERAL INFORMATION:
APPLICANT: Immusol, Inc. et al.
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT AND/OR PREVENTION OF RESTENOSIS
FILE REFERENCE: 480124.406
CURRENT APPLICATION NUMBER: US/09/453,607C
CURRENT FILING DATE: 1999-12-07
NUMBER OF SEQ ID NOS: 4389
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 3527
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: Cdc25 hs ribozyme binding site
US-09-453-607C-3527

Query Match 0.7%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 729 CCAGGAGAAACAGACACC 747
DB 19 CCAGGAGAAACAAACACC 1

RESULT 666
US-09-696-791-3527/c
Sequence 3527, Application US/09696791
GENERAL INFORMATION:
APPLICANT: Robbins, Joan M.
APPLICANT: Tritz, Richard
TITLE OF INVENTION: RIBOZYME THERAPY FOR THE TREATMENT OF PROLIFERATIVE SKIN AND EYE DISEASES
FILE REFERENCE: 480124.407

; CURRENT APPLICATION NUMBER: US/09/696,791
; CURRENT FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 4523
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 3527
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Cdc25 hs ribozyme binding site
US-09-696-791-3527

Query Match 0.7%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 729 CCAGGAGAAACAGACACC 747
Db 19 CCAGGAGAAACAAACACC 1

RESULT 667

US-10-266-090-45369
; Sequence 45369, Application US/10266090
; GENERAL INFORMATION:
; APPLICANT: GOFF, STEPHEN
; APPLICANT: BONAN, CAROLINE
; APPLICANT: COLBERT, MICHELLE
; APPLICANT: WANG, RONG-LIN
; TITLE OF INVENTION: CEREAL TRINUCLEOTIDE SIMPLE SEQUENCE
; FILE REFERENCE: NADII.058C1
; CURRENT APPLICATION NUMBER: US/10/266,090
; CURRENT FILING DATE: 2002-10-03
; PRIOR APPLICATION NUMBER: US 10/260,703
; PRIOR FILING DATE: 2002-09-26
; PRIOR APPLICATION NUMBER: US 60/326,117
; PRIOR FILING DATE: 2001-09-26
; NUMBER OF SEQ ID NOS: 51812
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 45369
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR PRIMER FOR SEQUENCE FROM ORYZA SATIVA
US-10-266-090-45369

Query Match 0.7%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1128 CACCTTCACCTCCAGCTCC 1146
Db 1 CACCTCCACCTCCTCTCC 19

RESULT 668

US-10-293-338-2073/c
; Sequence 2073, Application US/10293338
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics LTD
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL REGULATORY GENES AND
; FILE REFERENCE: 45282
; CURRENT APPLICATION NUMBER: US/10/293,338
; CURRENT FILING DATE: 2002-11-14
; NUMBER OF SEQ ID NOS: 8785
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2073
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens

US-10-293-338-2073.

Query Match 0.7%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1130 CCTTCACCTCCAGCTCCAC 1148
Db 19 CCTTCACCTCCAGCTGCTC 1

RESULT 669

US-10-303-778-14330/c
; Sequence 14330, Application US/10303778
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL
; FILE REFERENCE: 47416
; CURRENT APPLICATION NUMBER: US/10/303,778
; CURRENT FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 17608
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 14330
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-303-778-14330

Query Match 0.7%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1216 GCTGACCCCATCCTTCGCA 1234
Db 19 GATGTCCTCCATCCATGCGA 1

RESULT 670

US-10-310-188-7395/c
; Sequence 7395, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GE
; FILE REFERENCE: 47487
; CURRENT APPLICATION NUMBER: US/10/310,188
; CURRENT FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 86841
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7395
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-310-188-7395

Query Match 0.7%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 923 GCCTTTTATCCCTCCTCTT 941
Db 19 GCCTTTTCTCTCTCCCTT 1

RESULT 671

US-10-310-188-9730/c
; Sequence 9730, Application US/10310188
; GENERAL INFORMATION:
; APPLICANT: RosettaGenomics
; TITLE OF INVENTION: BIOINFORMATIALLY DETECTABLE GROUP OF NOVEL VIRAL REGULATORY GE
; FILE REFERENCE: 47487

Query Match 0.7%: Score 14.2; DB 1; Length 19;

```
Best Local Similarity 84.2%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1247 CGGACCCCATCCCAACCC 1265
||| ||||| |||||
Db 19 CCCAACCCATCCCAACCC 1

RESULT 677
PCT-US01-28082-75/c
; Sequence 75, Application PC/TUS0128082
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-1 EXPRESSION
; FILE REFERENCE: ISPH-0692
; CURRENT APPLICATION NUMBER: PCT/US01/28082
; CURRENT FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: 09/657,042
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 75
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US01-28082-75

Query Match 0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1012 CCTGAAAAGAGGGGAGC 1030
||| ||||| |||||
Db 19 CCAGAAAATTGGGGAGC 1

RESULT 678
PCT-US01-30549-69
; Sequence 69, Application PC/TUS0130549
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: Donna T. Ward
; APPLICANT: William Gaarde
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF MEK4 EXPRESSION
; FILE REFERENCE: RTSP-0188
; CURRENT APPLICATION NUMBER: PCT/US01/30549
; CURRENT FILING DATE: 2001-09-28
; PRIOR APPLICATION NUMBER: 09/676,436
; PRIOR FILING DATE: 2000-09-29
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US01-30549-69

Query Match 0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 907 ATTTCCTTGGTCTTTGCC 925
||| ||||| |||||
Db 1 ATTTCCTTCTTTGCC 19

RESULT 679
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```
PCT-US02-22656-42
; Sequence 42, Application PC/TUS0222656
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; TITLE OF INVENTION: ANTISENSE MODULATION OF C-REACTIVE PROTEIN EXPRESSION
; FILE REFERENCE: ISPH-0692
; CURRENT APPLICATION NUMBER: PCT/US02/22656
; CURRENT FILING DATE: 2002-07-15
; PRIOR APPLICATION NUMBER: 09/912,724
; PRIOR FILING DATE: 2001-07-25
; NUMBER OF SEQ ID NOS: 63
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
PCT-US02-22656-42

Query Match 0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1091 TCACCCCCACCTGGGCTT 1109
||| ||||| |||||
Db 2 TCTTCCTCACCTGGGCTT 20

RESULT 680
PCT-US02-35719-14/c
; Sequence 14, Application PC/TUS0235719
; GENERAL INFORMATION:
; APPLICANT: Wood, Linda
; APPLICANT: Wagner, Susanne
; APPLICANT: Parodi, Luis
; TITLE OF INVENTION: Single Nucleotide Polymorphisms in GH-1
; FILE REFERENCE: 00791.US1
; CURRENT APPLICATION NUMBER: PCT/US02/35719
; CURRENT FILING DATE: 2002-11-07
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: primer
PCT-US02-35719-14

Query Match 0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1011 ACTGAAAAGAGGGGAG 1029
||| ||||| |||||
Db 19 ATCTGAAAAGAGGAGGAG 1

RESULT 681
PCT-US03-20865-1671
; Sequence 1671, Application PC/TUS0320865
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corporation
; APPLICANT: Kane, Christopher D
; TITLE OF INVENTION: ANTISENSE MODULATION OF LRH1 EXPRESSION
; FILE REFERENCE: 01190/1/PCT
; CURRENT APPLICATION NUMBER: PCT/US03/20865
; CURRENT FILING DATE: 2003-07-01
; PRIOR APPLICATION NUMBER: 60/392,813
; PRIOR FILING DATE: 2002-07-01
; NUMBER OF SEQ ID NOS: 3450
```



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; REFERENCE/DOCKET NUMBER: DFC190-01AA
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 861-6240
; TELEFAX: (617) 861-9540
; TELEX: 951794
; INFORMATION FOR SEQ ID NO: 12:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: single
; TOPOLOGY: linear
; ANTI-SENSE: YES
US-07-726-831-12

Query Match          0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1079 CCATCCAGGCTCACCC 1097
Db 2 CTACCCAGGCTTACCAC 20

RESULT 686
US-09-548-954A-834/c
; Sequence 834, Application US/09548954A
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; APPLICANT: LITTLE, RANDALL
; APPLICANT: VAN EERDEWEGH, PAUL
; APPLICANT: DUPUIS, JOSEF
; APPLICANT: DEL MASTRO, RICHARD
; APPLICANT: SIMON, JASON
; APPLICANT: ALLEN, KRISTINA
; APPLICANT: PANDIT, SUNIL
; TITLE OF INVENTION: NOVEL HUMAN GENES RELATING TO RESPIRATORY DISEASES AND
; FILE REFERENCE: 2976-4040
; CURRENT APPLICATION NUMBER: US/09/548,954A
; PRIOR FILING DATE: 2000-04-13
; PRIOR FILING DATE: 1999-04-13
; NUMBER OF SEQ ID NOS: 1282
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 834
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-548-954A-834

Query Match          0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1128 CACCTTCACCTCCAGCTCC 1146
Db 19 CACCTTCACCTCCCTGCTTC 1

RESULT 687
US-09-548-954B-834/c
; Sequence 834, Application US/09548954B
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; APPLICANT: LITTLE, RANDALL
; APPLICANT: VAN EERDEWEGH, PAUL
; APPLICANT: DUPUIS, JOSEF
; APPLICANT: DEL MASTRO, RICHARD
; APPLICANT: SIMON, JASON
; APPLICANT: ALLEN, KRISTINA
; APPLICANT: PANDIT, SUNIL
; TITLE OF INVENTION: NOVEL HUMAN GENES RELATING TO RESPIRATORY DISEASES AND
; FILE REFERENCE: 2976-4040
; CURRENT APPLICATION NUMBER: US/09/548,954B
; PRIOR FILING DATE: 2000-04-13
; PRIOR FILING DATE: 1999-04-13
; NUMBER OF SEQ ID NOS: 1282
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 834
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-548-954A-834

; TITLE OF INVENTION: NOVEL HUMAN GENES RELATING TO RESPIRATORY DISEASES AND
; FILE REFERENCE: 2976-4040
; CURRENT APPLICATION NUMBER: US/09/548,954B
; PRIOR FILING DATE: 2000-04-13
; PRIOR FILING DATE: 1999-04-13
; NUMBER OF SEQ ID NOS: 1282
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 834
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-548-954B-834

Query Match          0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1128 CACCTTCACCTCCAGCTCC 1146
Db 19 CACCTTCACCTCCCTGCTTC 1

RESULT 688
US-09-589-606-31
; Sequence 31, Application US/09589606
; GENERAL INFORMATION:
; APPLICANT: Gatanaga, T.
; APPLICANT: Granger, G.A.
; TITLE OF INVENTION: Factors Altering Tumor Necrosis
; TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods
; TITLE OF INVENTION: of Use Thereof
; NUMBER OF SEQUENCES: 154
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/589,606
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US99/10793
; FILING DATE:
; APPLICATION NUMBER: 09/081,385
; FILING DATE:
; APPLICATION NUMBER: 08/964,747
; FILING DATE: 05-NOV-1997
; APPLICATION NUMBER: 60/030,761
; FILING DATE: 06-NOV-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Wu, Frank
; REGISTRATION NUMBER: 41,386
; REFERENCE/DOCKET NUMBER: 22000-20577.21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-813-5600
; TELEFAX: 650-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
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; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-589-606-31

Query Match      0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 865 GGCAGTGGAGCTCAGGCA 883
Db 1 GTCACTGGGAGCTCGGCA 19

RESULT 689
US-09-676-436-69
; Sequence 69, Application US/09676436
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: William Gaarde
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF MEK4 EXPRESSION
; FILE REFERENCE: RTS-0169
; CURRENT APPLICATION NUMBER: US/09/676,436
; CURRENT FILING DATE: 2000-09-29
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-676-436-69

Query Match      0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 907 ATTTCCTTGGCTTTTGGC 925
Db 1 ATTTGTTTCTCTTTTGGC 19

RESULT 690
US-09-700-354A-31
; Sequence 31, Application US/09700354A
; GENERAL INFORMATION:
; APPLICANT: Gatanaga, Tetsuya
; APPLICANT: Granger, Gale A.
; TITLE OF INVENTION: Factors Altering Tumor Necrosis
; NUMBER OF SEQUENCES: 154
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: BOZICEVIC, FIELD, & FRANCIS, LLP
; STREET: 200 MIDDLEFIELD ROAD, #200
; CITY: Menlo Park
; STATE: CA
; COUNTRY: USA
; ZIP: 94025
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/700,354A
; FILING DATE: 17-Apr-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/081,385
; FILING DATE: 14-MAY-1998
; APPLICATION NUMBER: PCT/US99/10793
; FILING DATE: 14-MAY-1999

; ATTORNEY/AGENT INFORMATION:
; NAME: Francis, Carol L.
; REGISTRATION NUMBER: 36,513
; REFERENCE/DOCKET NUMBER: IRVN-007CIP2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-327-3400
; TELEFAX: 650-327-3231
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 31:
US-09-700-354A-31

Query Match      0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 865 GGCAGTGGAGCTCAGGCA 883
Db 1 GTCACTGGGAGCTCGGCA 19

RESULT 691
US-09-703-708-11958
; Sequence 11958, Application US/09703708
; GENERAL INFORMATION:
; APPLICANT: Bower, Stanley G.
; APPLICANT: Hinkle, Gregory J.
; TITLE OF INVENTION: 38-10(15804)C
; FILE REFERENCE: 38-10(15804)C
; CURRENT APPLICATION NUMBER: US/09/703,708
; CURRENT FILING DATE: 2000-11-02
; PRIOR APPLICATION NUMBER: US 60/164,320
; PRIOR FILING DATE: 1999-11-10
; PRIOR APPLICATION NUMBER: US 60/183,791
; PRIOR FILING DATE: 2000-02-22
; NUMBER OF SEQ ID NOS: 18992
; SEQ ID NO 11958
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Xanthomonas campestris
US-09-703-708-11958

Query Match      0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1184 CCCGAGAGAGGTGGCACC 1202
Db 2 CCTGCAGATAGGTGGACC 20

RESULT 692
US-09-703-708-14782
; Sequence 14782, Application US/09703708
; GENERAL INFORMATION:
; APPLICANT: Bower, Stanley G.
; APPLICANT: Hinkle, Gregory J.
; TITLE OF INVENTION: Xanthomonas campestris Genome Sequences and Uses Thereof
; FILE REFERENCE: 38-10(15804)C
; CURRENT APPLICATION NUMBER: US/09/703,708
; CURRENT FILING DATE: 2000-11-02
; PRIOR APPLICATION NUMBER: US 60/164,320
; PRIOR FILING DATE: 1999-11-10
; PRIOR APPLICATION NUMBER: US 60/183,791
; PRIOR FILING DATE: 2000-02-22
; NUMBER OF SEQ ID NOS: 18992
; SEQ ID NO 14782
; LENGTH: 20
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; TYPE: DNA
; ORGANISM: Xanthomonas campestris
US-09-703-708-14782

Query Match      0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1118 TGCCCAAGTTCACCTTCAC 1136
      ||||| ||||| ||||| |||||
Db 1  TGTCCAATTCAGCTTCAC 19

RESULT 693
US-09-712-813-31
; Sequence 31, Application US/09712813
; GENERAL INFORMATION:
; APPLICANT: Gatanaga, T.
; TITLE OF INVENTION: Factors Altering Tumor Necrosis
; Factor Receptor Releasing Enzyme Activity, and Methods
; of Use Thereof
; NUMBER OF SEQUENCES: 154
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/712,813
; FILING DATE: 13-Nov-2000
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/081,385
; FILING DATE: <Unknown>
; APPLICATION NUMBER: 08/964,747
; FILING DATE: 05-NOV-1997
; APPLICATION NUMBER: 60/030,761
; FILING DATE: 06-NOV-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Wu, Frank
; REGISTRATION NUMBER: 41,386
; REFERENCE/DOCKET NUMBER: 22000-20577.21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-813-5600
; TELEFAX: 650-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 31:
US-09-712-813-31

Query Match      0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 865 GGCAGTGGAGCTCAGCA 883
      ||||| ||||| ||||| |||||
Db 1  GTCAGTGGGAGCTCGCA 19

RESULT 694
US-09-720-435-61/c
; Sequence 61, Application US/09720435
; GENERAL INFORMATION:
; APPLICANT: INNOGENETICS N.V.
; TITLE OF INVENTION: Method for detection of drug-selected mutations in the protease
; FILE REFERENCE: 11362.0030.PCUS00 INNS:030
; CURRENT APPLICATION NUMBER: US/09/720,435
; CURRENT FILING DATE: 2001-06-25
; PRIOR APPLICATION NUMBER: PCT/EP99/04317
; PRIOR FILING DATE: 1999-06-22
; PRIOR APPLICATION NUMBER: 98870143.9
; PRIOR FILING DATE: 1998-06-24
; NUMBER OF SEQ ID NOS: 519
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 61
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Aids-associated retrovirus
US-09-720-435-61

Query Match      0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1134 CACCTCCAGCTCCACCTAT 1152
      ||||| ||||| ||||| |||||
Db 19 CACCTCCAATTCCTCCCTAT 1

RESULT 695
US-09-720-435A-61/c
; Sequence 61, Application US/09720435A
; GENERAL INFORMATION:
; APPLICANT: Stuyver, Lieven
; TITLE OF INVENTION: Method for detection of drug-selected mutations in the protease
; FILE REFERENCE: 11362.0030.PCUS00 INNS:030
; CURRENT APPLICATION NUMBER: US/09/720,435A
; CURRENT FILING DATE: 2001-06-25
; PRIOR APPLICATION NUMBER: PCT/EP99/04317
; PRIOR FILING DATE: 1999-06-22
; PRIOR APPLICATION NUMBER: 98870143.9
; PRIOR FILING DATE: 1998-06-24
; NUMBER OF SEQ ID NOS: 529
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 61
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Aids-associated retrovirus
US-09-720-435A-61

Query Match      0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1134 CACCTCCAGCTCCACCTAT 1152
      ||||| ||||| ||||| |||||
Db 19 CACCTCCAATTCCTCCCTAT 1

RESULT 696
US-09-752-639-31
; Sequence 31, Application US/09752639
; GENERAL INFORMATION:
; APPLICANT: Gatanaga, T.
; TITLE OF INVENTION: Factors Altering Tumor Necrosis
; Factor Receptor Releasing Enzyme Activity, and Methods
; of Use Thereof
; NUMBER OF SEQUENCES: 154
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
```


CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows
SOFTWARE: FastSeq for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752,639
FILING DATE: 2001-04-03
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patent In Ver. 2.1
SEQ ID NO 4
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-825-489-4

Query Match 0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 865 GGCACTGAGCACTCAGGCA 883
DB 1 GTCACTGGGCACTCCGCA 19

RESULT 697
US-09-825-489-4/c
Sequence 4, Application US/09825489
GENERAL INFORMATION:
APPLICANT: AGRAWAL, SUDHIR
APPLICANT: KANDIMALLA, EKAMBAR R.
APPLICANT: BREGMAN, DAVID B.
APPLICANT: NANI, SRIDHAR
APPLICANT: LU, YI
TITLE OF INVENTION: SENSITIZATION OF CELLS TO CYTOTOXIC AGENTS USING
TITLE OF INVENTION: OLIGONUCLEOTIDES DIRECTED TO NUCLEOTIDE EXCISION REPAIR
TITLE OF INVENTION: OR TRANSCRIPTION COUPLED REPAIR GENES
FILE REFERENCE: HYZ-075US2 (475.08.514)
CURRENT APPLICATION NUMBER: US/09/825,489
CURRENT FILING DATE: 2001-04-03
NUMBER OF SEQ ID NOS: 13
SOFTWARE: Patent In Ver. 2.1
SEQ ID NO 4
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-825-489-4

Query Match 0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1268 TTCAGAGTGGAGGACAG 1286
DB 19 TGCAGAGTGGTAGTCAG 1

RESULT 698
US-09-912-724-42
Sequence 42, Application US/09912724
GENERAL INFORMATION:
APPLICANT: Rosanne M. Crooke
APPLICANT: Mark J. Graham
TITLE OF INVENTION: ANTISENSE MODULATION OF C-REACTIVE PROTEIN EXPRESSION
FILE REFERENCE: ISPH-0584
CURRENT APPLICATION NUMBER: US/09/912,724
CURRENT FILING DATE: 2001-07-25
NUMBER OF SEQ ID NOS: 63
SEQ ID NO 42
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-912-724-42

Query Match 0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1091 TCACCCCACTGGGCTT 1109
DB 2 TCTCTCACCTGGGCTT 20

RESULT 699
US-09-984-198-31
Sequence 31, Application US/09984198
GENERAL INFORMATION:
APPLICANT: Gatanaga, T.
APPLICANT: Granger, G.A.
TITLE OF INVENTION: Factors Altering Tumor Necrosis
TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods
TITLE OF INVENTION: of Use Thereof
NUMBER OF SEQUENCES: 154
CORRESPONDENCE ADDRESS:
ADDRESSER: MORRISON & FORSTER
STREET: 755 PAGE MILL ROAD
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows
SOFTWARE: FastSeq for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/984,198
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US99/10793
FILING DATE:
APPLICATION NUMBER: 09/081,385
FILING DATE:
APPLICATION NUMBER: 08/964,747
FILING DATE: 05-NOV-1997
APPLICATION NUMBER: 60/030,761
FILING DATE: 06-NOV-1996
ATTORNEY/AGENT INFORMATION:

```
; NAME: Wu, Frank
; REGISTRATION NUMBER: 41,386
; REFERENCE/DOCKET NUMBER: 22000-20577.21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-813-5600
; TELEFAX: 650-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 31:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-984-198-31

Query Match      0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 865 GGCAGTGGAGTCTAGGCA 883
Db 1 GTCACTGGGAGTCCGGCA 19

RESULT 700
US-10-029-517-27
; Sequence 27, Application US/10029517
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Susan J. Myers
; TITLE OF INVENTION: ANTISENSE MODULATION OF MUCIN 1, TRANSMEMBRANE EXPRESSION
; FILE REFERENCE: RTS-0352
; CURRENT APPLICATION NUMBER: US/10/029,517
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 107
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-029-517-27

Query Match      0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 797 CCTGTAGTAACTGTAGAA 815
Db 2 CCTGTAACTGTAGCA 20

RESULT 701
US-10-266-090-41238/c
; Sequence 41238, Application US/10266090
; GENERAL INFORMATION:
; APPLICANT: GOFF, STEPHEN
; APPLICANT: BONAN, CAROLINE
; APPLICANT: COLBERT, MICHELLE
; APPLICANT: WANG, RONG-LIN
; TITLE OF INVENTION: CEREAL TRINUCLEOTIDE SIMPLE SEQUENCE
; FILE REFERENCE: NADII.058C1
; CURRENT APPLICATION NUMBER: US/10/266,090
; CURRENT FILING DATE: 2002-10-03
; PRIOR APPLICATION NUMBER: US 10/260,703
; PRIOR FILING DATE: 2002-09-26
; PRIOR APPLICATION NUMBER: US 60/326,117
; PRIOR FILING DATE: 2001-09-26
; NUMBER OF SEQ ID NOS: 51812
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 41238
; LENGTH: 20
; TYPE: DNA
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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR PRIMER FOR SEQUENCE FROM ORYZA SATIVA
US-10-266-090-41238

Query Match      0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1057 GCCCAAAACCAAGCTTCA 1075
Db 20 GACCCAAAACCAAGTTCA 2

RESULT 702
US-10-266-090-43048/c
; Sequence 43048, Application US/10266090
; GENERAL INFORMATION:
; APPLICANT: GOFF, STEPHEN
; APPLICANT: BONAN, CAROLINE
; APPLICANT: COLBERT, MICHELLE
; APPLICANT: WANG, RONG-LIN
; TITLE OF INVENTION: CEREAL TRINUCLEOTIDE SIMPLE SEQUENCE
; FILE REFERENCE: NADII.058C1
; CURRENT APPLICATION NUMBER: US/10/266,090
; CURRENT FILING DATE: 2002-10-03
; PRIOR APPLICATION NUMBER: US 10/260,703
; PRIOR FILING DATE: 2002-09-26
; PRIOR APPLICATION NUMBER: US 60/326,117
; PRIOR FILING DATE: 2001-09-26
; NUMBER OF SEQ ID NOS: 51812
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 43048
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR PRIMER FOR SEQUENCE FROM ORYZA SATIVA
US-10-266-090-43048

Query Match      0.7%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 4.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1127 CCACCTTCACCTCCAGCTC 1145
Db 20 CCTCCTTCCTCTCCGCTC 2

RESULT 703
US-10-266-090-43821
; Sequence 43821, Application US/10266090
; GENERAL INFORMATION:
; APPLICANT: GOFF, STEPHEN
; APPLICANT: BONAN, CAROLINE
; APPLICANT: COLBERT, MICHELLE
; APPLICANT: WANG, RONG-LIN
; TITLE OF INVENTION: CEREAL TRINUCLEOTIDE SIMPLE SEQUENCE
; FILE REFERENCE: NADII.058C1
; CURRENT APPLICATION NUMBER: US/10/266,090
; CURRENT FILING DATE: 2002-10-03
; PRIOR APPLICATION NUMBER: US 10/260,703
; PRIOR FILING DATE: 2002-09-26
; PRIOR APPLICATION NUMBER: US 60/326,117
; PRIOR FILING DATE: 2001-09-26
; NUMBER OF SEQ ID NOS: 51812
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 43821
; LENGTH: 20
; TYPE: DNA
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